

## Cook Labels AEP System Blackout "Inconceivable"

### Open Letter To Customers In Advertisement Describes Built-In Protective Equipment

"I cannot say—no one can say—with absolute certainty that, given an unbelievable combination of circumstances, such as a nuclear holocaust, such a vast outage could not occur on the American Electric Power System.

"But I can and do say that such an occurrence is inconceivable."

These were the words of Donald C. Cook, president of AEP and of this company, in discussing the major electric power interruption that hit the Northeast United States and a part of Canada on Tuesday, November 9.

His discussion came in a System-wide advertisement in the form of an "open letter to customers" sched-

uled for daily newspapers early in December and in a message to all AEP shareowners soon to be distributed. In the discussion, Cook came to grips with the question that he felt was uppermost in the minds of customers: "Can it happen here?"

#### Important Question

"It is an entirely proper and very important question and one that we who are responsible for the operation and management of the nation's largest investor-owned electric utility constantly ask ourselves in connection with the design and expansion of the System. As president of this company, let me reassure you as to the state of pre-

paredness of YOUR electric company."

Cook then cited the following reasons for his belief that such a widespread blackout was "inconceivable" on the AEP System:

1. The AEP System essentially is a different kind of utility operation than the power systems affected by the blackout. It has been developed, over the past five decades, on a different set of principles. It has been planned, engineered, designed and built and is operated differently. As a consequence, it behaves differently in times of stress.

2. While the System consists of six operating companies serving parts of seven states, it operates as a single integrated power supply system. The chain of power plants is widely dispersed, yet they are nonetheless tied together by a high-voltage transmission network "second to none" and the total operation is fully integrated.

#### Interconnections

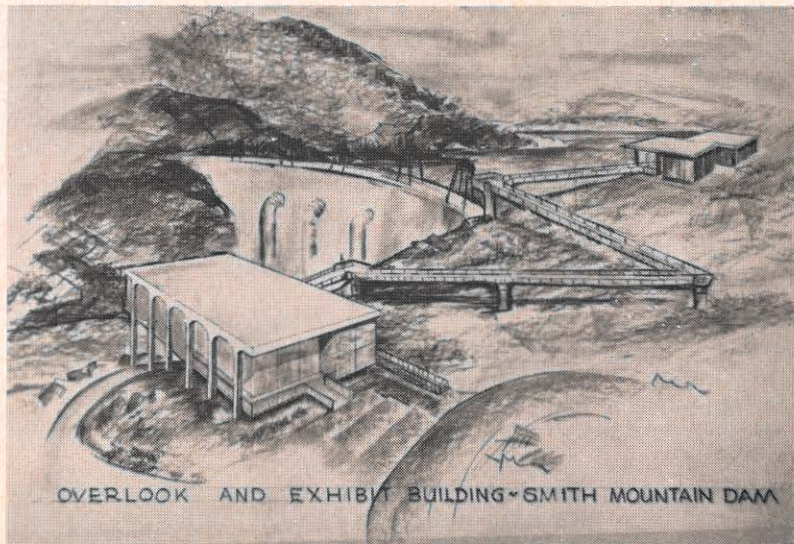
3. Furthermore, aside from the wholly integrated generation-transmission, distribution complex, AEP is "the most interconnected power system in the world." Today, the System is "tremendously strengthened and reinforced" by 46 high-voltage interconnections with 21 different electric utilities surrounding the area it serves. It, in turn, strengthens and reinforces their power supply as well. These do not include nine high-voltage ties now under construction or projected.

4. The AEP System is magnificently safeguarded by the most modern array of protective equipment yet designed—devices that are completely automatic and operate at speeds, and with capacities, far above normal standards.

5. In operation, each line segment of the transmission network is designed to have the capacity needed to deliver power from generating plants to load centers as well as to allow great flexibility in power flow over the entire System. Such flexibility is required in times of outages of generating capacity and in periods of additional "swings" of power across the System resulting from emergency conditions on or outside the AEP System.

6. Engineering and computer studies are under way at all times, testing and checking the performance of the System under simulated

(Continued on page 8)



OVERLOOK AND EXHIBIT BUILDING—SMITH MOUNTAIN DAM

Appalachian is preparing an attractive and pleasant scene for future visitors to the Smith Mountain Dam. Here are drawings of the overlook and exhibit building to be built on the mountainside near the top of the dam, and of the picnic and recreation area that will be built just downstream from the dam.

## Appalachian Reveals Plans For Visitor Facilities At Dam

Future visitors to the completed Smith Mountain project will have an opportunity to see the entire project in miniature, get a good view of the Smith Mountain Dam, and then have a picnic in landscaped surroundings.

That's the plan for visitor facilities at Smith Mountain just announced by Appalachian.

The work, already started, will have two parts. On the heights above the dam, where the concrete batching plant was located during construction, a visitors' center will be built with a large exhibit room, and an esplanade enabling visitors to see the dam from the front and back. A large picnic and recreation area will be built alongside Leesville Lake just downstream from the dam.

Some grading work has already begun for the project. The main work on the visitor facilities will begin when construction of the dam is completed. All work on the dam is to be finished by the end of 1965.

Visitors to the dam will enter the area on the Pittsylvania County, or south, side. Stretching from the

bridge below Smith Mountain dam on the Pittsylvania shores of Leesville Lake, will be the picnic and recreation area. There will be shelters, tables, fireplaces, and the lagoon. Extensive landscaping will be done in this area, which was used during construction for materials storage.

From here visitors will cross Leesville Lake, below Smith Mountain Dam, on a bridge that has already been completed. On the Bedford County, or north, side a roadway leads up the mountainside to a point overlooking the dam.

A large parking area will be built there on space that has been used for aggregate storage during construction. Just below it, where the concrete plant has been located, the visitors' center will be built, compatible in design and construction with the dam itself.

This building will contain a large exhibit room, lobby, and rest rooms, and will be comfort conditioned by electric heat pumps. Inside the exhibit area will be three major displays: a terrain map showing all land in the vicinity of the reservoirs, a working model describing the pumped storage hydro-electric operation of the Smith Mountain and Leesville Dams, and an animated map of the American Electric Power System, of which Appalachian is one of six operating companies.

On the walls will be pictures of scenes of the construction of the project as well as lake and shoreline activity.

From this building visitors may walk up a ramp to the place where the moving end of the cableway, used during construction, is now located. At this location will be an esplanade and walkways permitting visitors to move from below the dam to above the dam to see the entire structure and the lake behind it.

At the lower dam in the Smith Mountain Development, Appalachian completed a public recreation area two years ago. It contains picnic and shelter facilities, and has been used by well over 50,000 people so far.

The construction schedule for the Smith Mountain visitors' facilities calls for completion in the summer of 1966.

## Helicopters On Job Again On Tri-State Line Work

Helicopters, lifting loads of up to three tons, are being used in the construction of Appalachian's 345,000-volt line between Philip Sporn plant to the new Tri-State station near Huntington.

The choppers are lifting V-shaped aluminum towers along the 62-mile route and holding them aloft while ground crews make fast permanent guy wires. This technique was perfected during construction of the Kanawha-Cloverdale line three years ago.

Grading work at the station site has been completed. It is on Route 75, southwest of Huntington. Contract for the construction of the station has not yet been let. Total cost of the line and station will be \$6.5-million, and the project will be put into service in September of 1966. It will bring to the growing tri-state area around Huntington a new source and a large block of electric power.

The new Tri-State station will step electric power down from 345,000-volts to 138,000-volts and 69,000-volts for further transmission in the area. It will be tied into existing transmission facilities in the region, including Appalachian's Darrah and West Huntington substations, and the South Point substation of Ohio Power Company, an affiliate of Appalachian in the American Electric Power System.

In addition, a new 138,000-volt line will be constructed from Tri-State to the Bellefonte substation of Kentucky Power Company in Ashland, also an affiliate of Appalachian in the AEP System. The entire project is part of an overall comprehensive electric power development plan for the tri-state region.

L. J. Barrett, system T&D, is Appalachian's engineer on the line construction.



This was a typical scene of activity recently when helicopters began the job of lifting and setting aluminum V-shaped towers in the Sporn-Huntington 345-kv line. (Photo by Jack Burnett, Huntington Publishing Company.)

## Appalachian Will Build Major Steam Unit In West Virginia

Appalachian will build a major new steam-electric power generating unit "somewhere in West Virginia" by 1970.

This was one of several highlights coming from a press conference that preceded the annual AEP System Management Meeting at Roanoke last month, at which President Donald C. Cook discussed a wide range of subjects.

Mr. Cook disclosed that the new West Virginia power generating unit is expected to be "at least 750,000 kilowatts," which would make it 22 per cent larger than the biggest units now under construction on the American Electric Power System. These are Units 1 and 2 of the new Cardinal Plant, and the newly announced Unit 5 at the Muskingum River Plant, both being installed by Ohio Power Company.

He said that the new unit might be constructed on a new site or as an addition to an existing power

station and that its location probably would be announced by 1967.

Other highlights of the press conference included these developments.

- Start of construction on Appalachian's second proposed pumped-storage hydroelectric project, the Blue Ridge Development on the New River in Grayson County, will depend upon the date of issuance of a construction license by the Federal Power Commission, anticipated in 1966.

- Appalachian's first such project, the Smith Mountain Development, is expected to be fully operational by early Spring.

- The AEP System's capital expenditures, within the very near future, will attain the range of \$150-\$200-million annually.

- Almost half of all new homes and apartment units now being built on the AEP System are all-electric. Our target: a 51 per cent saturation of all dwellings.

# The Illuminator

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## On Christmas

Flickering candles, joyous hymns, and the murmur of ancient rites; then into the cold, dark night, and home. A child, in wide-eyed sleepiness, is hurried through the house, past a closed door that conceals untold joys, and to bed to wait until the dawn.

First memories of Christmas: church, family, excitement, and happiness.

These are the things to be kept from a day dedicated to giving, to be kept carefully forever, and brought out and shared, but still kept. Memories of singing the old carols in church; of the big brother coming home from college, halfway a stranger after three months; of the first bicycle that appeared on a day when ice and snow for the first Christmas in years covered the streets; of relatives transformed by the magic of the day into family.

Family. Will ours grow up with the same memories, and look back on their Christmases with the same fondness? Things have changed, but some things remain, and these are the real values after the tinsel and evergreens and ribbons are stripped away and discarded. The sense of love for each other as we love the Child of Bethlehem. A sense of giving of ourselves, as the Wise Men gave their gifts. A sense of joy, as the angels sang their triumphant song that night. A sense of humility, as the shepherds came and adored.

Oh, children, keep these things. There is nothing so poignant to a child as the knowledge that comes with awful clarity as he climbs the steps to bed Christmas night, that something precious he had today will be gone tomorrow. But if he holds fast to the real values, he will have Christmas in his heart all the year long.

## AEP Education Awards Attract 221 Youngsters

Some 221 children of American Electric Power System employees registered for the 25 educational grants, each worth \$750, being offered in the 1966 AEP System Education Award program.

The contestants sat for the Standard College Entrance Board Scholastic Aptitude Test December 4.

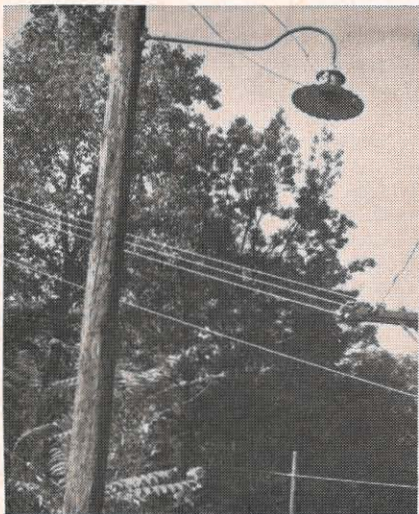
This year's number of registrants was the second highest in the 10-year history of the awards program. Last year's 314 participants set the record for the program.

Ohio Power Company and its affiliated companies fielded the largest total of contestants, 77, for this year's exam. Of the total, 35 were boys and 42 were girls. The second largest contingent was from Appalachian Power Company, which had 36 boys and 34 girls.

Indiana & Michigan Electric Company sent 34 competitors to the testing. Fifteen were boys and 19 girls. Kentucky Power Company had 15 entrants, eight boys and seven girls, and the AEP Service Corporation, had ten boys and five girls.

Kingsport Power Company entered one boy and five girls in the competition, and Wheeling Electric Company registered two boys and two girls.

## The Old And New



Old type 100 lumen incandescent lights like the one at left have been replaced by modern, new mercury vapor lights—113 of them—in Stuart. In the Fieldale area of the Roanoke division, Stuart had installed 52 7,000 lumen lights, like the ones at right, and 63



3,500 lumen lights to give the town a more modern appearance and make it safer. Appalachian has 10 employees in Stuart, with Ammon Sears, the area supervisor. It is the county seat of Patrick County.

# System Sales Match Nation's Economy, Show Healthy Rise Through September

Matching the pace and drive of the national economy, the American Electric Power System sold a healthy nine per cent more power in the first nine months of 1965 than it had in the same period of 1964.

All told, the System sold 29.3-billion kilowatt-hours of energy through September 30, compared with 26.8-billion the year before, itself a banner year.

Revenues for the nine-month sale of power reached \$331.9-million, a gain of 6.1 per cent over the record of \$312.8-million set at the end of September last year.

Within the three broad classifications of customers, sales of power to industrial users recorded the largest gains for the nine months. Industrial plants on the System used 16.8-billion kwh for the period—10.5 per cent over last year—resulting in revenues of \$127.8-million that represented an increase of 8.5 per cent.

The System's commercial customers used 2.7-billion kwh in the January-thru-September period, topping last year's consumption for the same months by 8.4 per cent and contributing revenues of \$55.9-million. This figure is a 6.1 per cent improvement over commercial revenues in that period last year.

Power sales to home heating customers posted the largest gain for the nine-month period, with energy use rising 18.2 per cent and

revenues climbing 17.2 per cent over last year. For the first nine months, sales in this category were 863-million kwh, compared with 730-million kwh a year ago. Revenues amounted to \$11.6-million, compared with \$9.9-million last year.

Total residential power sales were up 6.2 per cent to 5.4-billion kwh, while revenues, reflecting the System's policy of continuing to lower its electric rates, edged up 3.4 per cent to \$108-million.

Home-heating installations soared

18 per cent over last year during the first nine months of 1965. All told, some 7,051 homes and apartment units went Total-Electric. Fifty-one per cent more apartment units and 29 per cent more new homes were equipped with electric heating than last year.

Sales of 113,903 electric ranges, water heaters and dryers during the first nine months represented an increase of 15 per cent over the total of 98,839 such appliances sold on the System in the same months last year.

## Fiala Retires As AEP's Vice President-Engineering

S. N. Fiala, vice president—engineering of the American Electric Power Service Corporation, retired on December 1 after a long and distinguished career. He has also resigned as a director of Appalachian Power and Kentucky Power Companies.

Fiala joined AEP in 1934 as a results engineer in the Service Corporation's Mechanical Engineering Division. He became head of the division in 1945, chief engineer in 1954, and vice president for engineering in 1957.

He was elected a director of the parent American Electric Power Company in 1961 and also served as a director of four of the AEP System's operating utilities: Appalachian Power, Kentucky Power, Ohio Power and Wheeling Electric Companies.

Fiala's 31-year career with AEP closely paralleled the System's rise to pre-eminence in technology, particularly in the field of power generation. During those years, Fiala contributed to the development of the industry by serving a number of times as a committee chairman for the Edison Electric Institute and the Association of Edison Electric Illuminating Companies.

Born in Austria in 1900, Fiala was raised in Passaic, N. J. and received a mechanical engineering degree in 1925 from Stevens Insti-



Mr. Fiala

tute of Technology, Hoboken, N. J. Before joining AEP, he had worked for the New York Edison Company and for the Smoot Engineering Corporation, which assigned him to Japan for two years.

President Donald C. Cook said that the position of vice president—engineering is not being filled immediately, and that Carl P. Zimmerman, Service Corporation chief engineer, will continue in that position as head of the engineering department.

## Paul W. Emler Named To Boards Of Four Companies

Paul W. Emler, vice president—commercial, of the American Electric Power Service Corporation, has been elected a director of four operating companies of the AEP System.

They are: Appalachian Power, Kentucky Power, Ohio Power and Wheeling Electric Companies. The elections took place at the board meetings of the respective companies on November 30.

In addition, W. J. Rose, vice president and secretary of the Service Corporation and of its parent, American Electric Power Company, was elected to the board of Twin Branch Railroad Company, and Paul D. Martinka, head of the Service Corporation's coal and special contracts division, was named a director of Captina Operating Company, which operates the Kammer plant.

The elections fill vacancies on the various boards created by the resignation of S. N. Fiala in connection with his December 1 retirement as vice president—engineering for the Service Corporation. He also resigned as a Service Corporation director but will remain a director of the parent AEP Company.



Mr. Emler

## Where Were You?

# When The Lights Went Out

"Where were you when the lights went out?"

This was the question-of-the-hour the morning after Black Tuesday in the world's biggest metropolitan center, New York.

For most of the 900 employees of the American Electric Power Service Corporation at 2 Broadway in lower Manhattan, it was a night to remember.

An estimated 800 AEP employees were involved in the blackout on an intimate, personal basis. Most were caught in subways during the rush hour, for periods ranging from a few minutes to 14 hours. Miraculously, no employees were riding the building's elevators at the moment of the outage.

Dozen of employees remained in their darkened offices throughout the night, sleeping on desks and tables, in chairs, and on the floor of the company's carpeted board room, using chair pads for pillows.

Volunteers worked their way down pitch-black stairwells from the AEP offices on the 9th, 10th, 11th and 19th floors, located candle-lit lunchrooms and delicatessens in the neighborhood, and brought food back up the many flights to their associates.

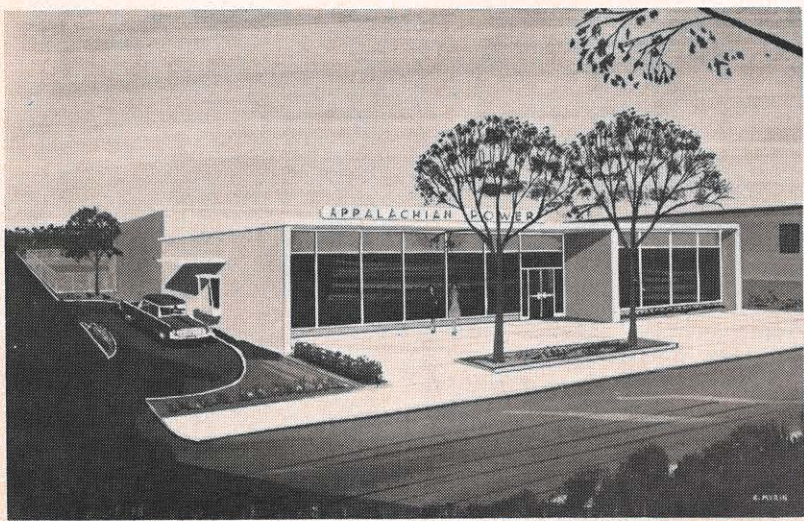
Employees of the engineering analysis and computer division were test-running a newly installed computer on the 19th floor when the power went off. Ironically, the computer will be the latest, most sophisticated in a series of tools used to help in the planning of the AEP System of the future—and to help provide greater assurance that such a major outage will not happen on our system.

Ingenuity was a common commodity. Members of the electrical design division, for example, manufactured benzine lanterns from empty ink bottles, using cheesecloth for wicks.

One employee who chose not to leave her warm subway seat and grope her way to the surface via a long, dark tunnel was Miss Louise Marshall, secretary to AEP President Donald C. Cook. She elected instead to "sit it out" with a new book (reading by emergency car lights) and finally emerged into the daylight at 7:15 a.m., some 14 hours after entering the subway.

Two "luckier" employees were Mrs. Florence Woodford, secretary to Vice President Paul W. Emler, and Miss Miriam Slattery, secretary to Vice President H. B. Cohn. They were having dinner at the nearby Seaman's Church Institute at the time. When faced with the decision of staying or leaving in the dark, they accepted the Institute's offer of a free room for the night. But they later insisted on making a contribution to that charitable institution.

## Office-Service Building Set For Princeton



This is an artist's conception of the new office-service building Appalachian will build in Princeton.

Appalachian will build a new office and service building in Princeton. A contract for the \$200,000, 5,328 square-foot building has been awarded to Rotim Construction Company of Princeton, and work will begin as soon as possible.

The building will be on South Main Street, a block south of the Mercer County Courthouse. Combining office and service facilities, the new building will replace the quarters in the Law Building which Appalachian has occupied for 32 years.

It will contain offices for the commercial and accounting departments, quarters for the line crews, and truck storage and material storage areas.

Inside also will be a meeting room and demonstration kitchen for the use of the public and the company. The entire building will be heated and cooled electrically.

Other features for customer convenience include a covered drive-up window, a night depository, and snow-melting electric cable in the pavement leading to the building.

The building will be headquarters for the company personnel who serve 13,000 customers and 541 square miles in the Princeton area.

A residence on the property where the building will be constructed was moved late last summer.

## AEP Establishes Program Of Graduate Fellowships

The American Electric Power System announced last month an annual sponsorship of four fellowships to spur graduate study in power systems engineering.

President Donald C. Cook, in announcing the program, said, "We hope the fellowships will make it possible for some worthy students to continue their advanced edu-

cation and, hopefully, their interest in power engineering. We also trust that the program will serve as an incentive to the schools concerned to expand their curricula in power engineering."

College engineering graduates selected for the fellowship program will be able to pursue advanced studies at six schools: Cornell University, University of Michigan, Northeastern University, Purdue University, Rensselaer Polytechnic Institute, and University of Wisconsin.

Candidates for the fellowships must satisfy the scholastic requirements of the participating universities. Preferred candidates must also have worked for a power company for at least one summer in a significant training program. The AEP System offers summer work experience that can lead to preferred-candidate status.

While fellowship funds will be separately determined for each student, the program allows as much as \$200 per month for one academic year for preferred candidates, plus full payment of tuition, registration and laboratory fees. Married students will receive \$400 for each of their dependents for the duration of the fellowship.

The fellowship program is the most recent instance of support of education by the seven-state AEP System to assure a continuing supply of competent power engineers. Other activities in support of education include the establishment of professorial chairs, scholarships, educational assistance to employees, summer and cooperative education programs for students and faculty members, and education awards to employees' children.

## Earl Wood Named Beckley Foreman

Earl J. Wood, lineman in the Beckley area, has been promoted to line foreman effective November 6, 1965.

Mr. Wood was first employed by the company on December 16, 1946 as a rodman. He later worked as groundman and was made lineman in December 1956.

He was born on December 27, 1926 at Herndon, West Virginia, and attended schools there. He served in the Navy during World War II and in 1961-62 he served a year of active duty with the West Virginia National Guard at Fort Meade, Maryland.

He is married and the father of three children.



Mr. Wood

## Neva Peck Wright Dies In Huntington



Mrs. Wright

Neva Peck Wright, 78, who retired in Huntington March 1, 1952, after 36 years of service, died in Huntington October 28. Mrs. Wright had been in ill health for several months.

She was first employed as a cashier with the old Consolidated Light, Heat and Power Company. With Appalachian, she also worked as bookkeeper, and secretary in the manager's office, and at the time of her retirement she was a member of the stores department.

A daughter of a Methodist minister, she was born March 1, 1887 in Doddridge County and came to Huntington in 1915.

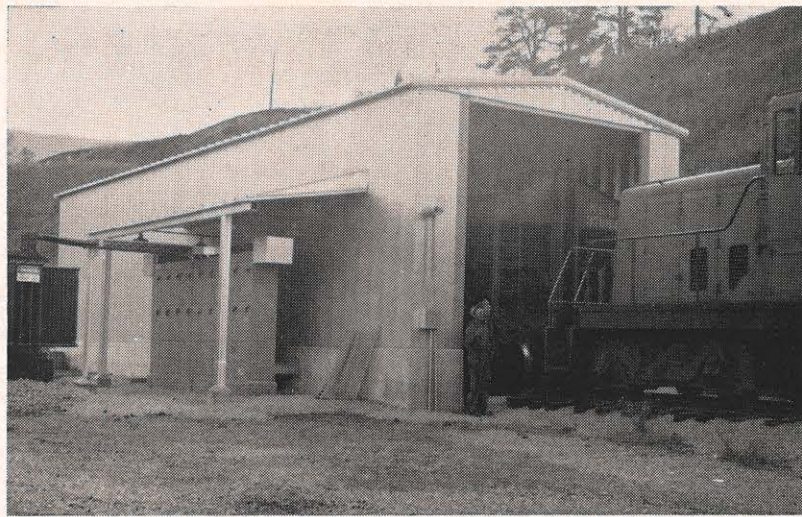
She was a graduate of Morris Harvey College in the days when it was located at Barboursville, W. Va., and a member of Johnson Memorial Methodist Church and the Order of the Eastern Star.

## Award Winner Gains New Honor

One of 1963's American Electric Power Education Awards has just added another academic achievement to his record.

James P. Stone has been awarded a \$2200 grant plus tuition and fees for one full year and one summer term from the University of Virginia. The scholarship will be applied to graduate work leading to a master's degree in his chosen field of chemistry, and will be available when he receives his bachelor's degree.

He is the son of B. T. Stone, Roanoke division engineer.



## Ready For Winter

A new coal thawing shed at Glen Lyn plant has been put into service just in time for cold weather. It is equipped with 34 radiant type heaters totaling 1,750-kw, and it replaces the old oil thawing pits used in the past.

## Relay Failure Triggers Northeast's Power Blackout

At about 5:15 p.m. Tuesday, November 9, something went wrong in a tiny relay on the Ontario Hydro Commission's electric power system near Niagara Falls.

Within 15 minutes, as a result of the cascading effect triggered by the initial trouble, most of the northeastern section of the United States and a portion of southern Canada were in darkness.

When the protective equipment on the government-owned Ontario Hydro system failed to function normally, that trouble isolated Ontario's Sir Adam Beck hydroelectric plant #2 from the rest of that system. This in turn fed some 1,100,000 kilowatts across the national boundary between Canada and the U. S. and into the interconnected network of upper New York state.

This major inrush of power resulted in a series of trip-outs of transmission lines and generating plants and, in turn, in the transfer of a large block of load to the New England and southern New York utilities, including New York City. The load thus shifted was beyond the capability of the generating facilities in these areas and the final result was the collapse of their service.

The Federal Power Commission in Washington immediately undertook an investigation, studying the power flows and other data with respect to the interruption in an attempt to pinpoint the basic cause, to learn why the outage spread over so wide an area, and then to suggest measures to minimize the possibility of a repeat. At presstime, the FPC was to have made an interim report to the President within a few days and was scheduled to make its final report by the end of the year.

Three engineering-operating specialists of the American Electric Power Service Corporation played key roles in the FPC investigation of the Northeast blackout.

T. J. Nagel, head of the System planning and analytical division, and G. H. McDaniel, head of the system operating division, were called to Washington as expert consultants to the FPC. They were joined and assisted later by Arthur Hausburg, assistant head of the AEP electrical engineering division and a relay expert. All three had been attending the AEP System Management Meeting in Roanoke, at the time.

## Division Man Gives Third Gallon

Continuing a practice he started in West Virginia, Dennis F. Brumfield, Roanoke division station man, has now given his third gallon of blood to the American Red Cross blood program.

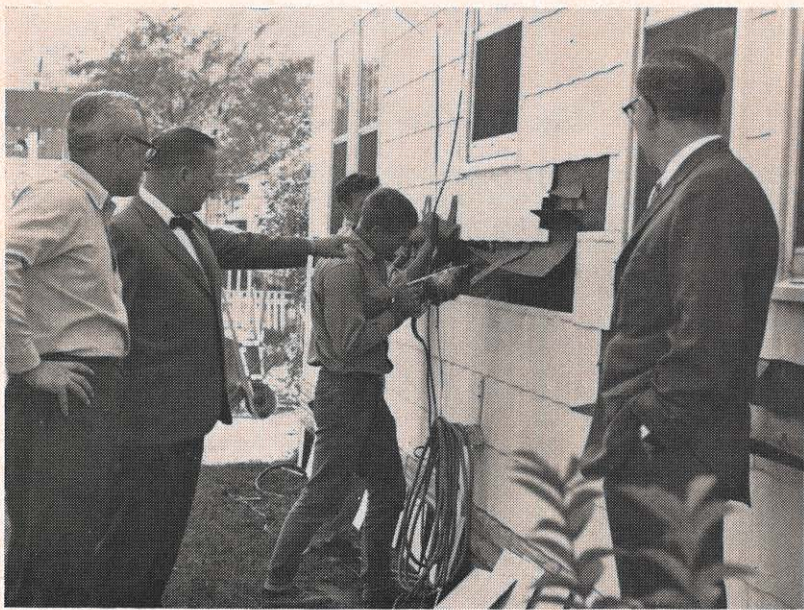
Mr. Brumfield began his donation when he worked in the old Logan steam plant and continued the custom when he was transferred to Roanoke.

He lists American folk music as a hobby, and plays the guitar in a three-man combo. He is also active in church work.



Mr. Brumfield

## "See How Easy . . ."



Leroy Balding, painting, heating and builder sales representative in Charleston, does more than just tell people how easy it is to install electric heat. He shows them. The idea is to stage a block party in the neighborhood where a house is about to be converted to electric heat. Handbills invite the neighbors to see how the insulation goes in, and how the conversion is made. Refreshments are served, too. And it works. After the first such party, at McCorkle, three sales were made.

## New Station Energized



The significance of the new Bancroft station to the St. Albans-Nitro area was underlined during the energizing recently. On hand when Sam Dunn operated the controls were Ralph Allen, president of the Putnam County court and Charleston accounting employee; E. A. Murray Jr., power sales engineer; G. W. Hamilton, plant engineer for Monsanto's organic chemicals division, and Lloyd Pomykata, area superintendent in St. Albans. The new station provides an additional source of power to the heavily industrialized area. Gilmer Wilhelm, system, and Bus Buskirk, on loan to the system from Bluefield, were in charge of the station work.



**Evidence**

Farmers talk about their crops, but unlike fishermen, they can produce the evidence to back up their tales. After all, who ever heard of a beet that got away? Anyway, at left is Rison Fankell, Ashland truck driver-groundman, who requires three sweet potatoes to make

ten pounds (the one in the middle represents half of that weight). And that's Leo Samples, retired Cabin Creek man, who came back to show his old friends what real beets look like.

**Happenings**  
**Around the Circuit**  
 ... Among Employees and Their Families

**LOGAN-WILLIAMSON**

James L. Richmond Jr., who won an AEP Education Award, is attending naval officers candidate school in Newport, Rhode Island. He received his degree in electrical engineering from Virginia Polytechnic Institute in June of this year.

Logan employees exceeded last year's contributions to the Community Chest drive with a per capita gift of \$28.21. The Williamson campaign, at press time, was still underway.

H. W. Cerrato has been named to the board of directors of the Mingo County Chapter of the American Red Cross. . . . Charles A. Simmons is the new president of the Mallory Grade School PTA.

**BLUEFIELD**

For Bluefielders it was a good month for elections. Chosen as president, chairman, or superintendent, were: Mrs. Frank Oresta, Mrs. Paul Dalton, and Mrs. Kenneth A. Jackson to positions in the Brushfork Parent-Teacher Association; Frances Keller, in the Junior Department of the Princeton Presbyterian Church, and Ira Henderson, to the Science Fair Committee of the Appalachian Industrial Council for Education.

This kind of thing rubbed off on youngsters too: Everette Callaway, son of Mr. and Mrs. M. R. Callaway, was elected president of the Graham High School Thespian Club.

Samuel J. Conner has joined the T&D department.

**Welch**

School news: Carolyn, daughter of J. B. Rhudy, was elected feature editor of the Welch High School annual, and Sarah, daughter of W. A. Chaffins, was elected junior class editor. . . . Peggy, daughter of W. C. Groseclose, made the dean's list at Bluefield College.

R. H. Ruff, an international director of Lions International, recently attended a 40th anniversary meeting of a Lions Club in

Michigan. . . O. Q. Adams has been inducted into the Welch Kiwanis Club.

**CHARLESTON**

Herb Miller's "Indian Summer," a pastel on cloth, was chosen by Charleston Allied Artists as the picture-of-the-month for November. It was put on display in the Charleston art gallery at Sunrise. Herb is a draftsman in the engineering department.

Rosie Sandor, Montgomery, is a five-time Electroback winner in the October drawings. Other winners are Pat Toman, Elbert Thompson, J. E. Young, and B. C. Martin.

New employees this month are Charles H. Douglas, Arthur K. Walker, Bobby L. Adkins, and



**Golden Wedding**

Mr. and Mrs. Thomas M. Watkins Sr., of Roanoke celebrated their golden wedding anniversary November 6 with a reception in the home of Mr. and Mrs. Thomas Watkins Jr. in Ashland. Attending were a number of friends of the couple from Roanoke, Pikeville, Hazard, Williamson, and Huntington, in all of which places he was assigned during his long career with the company. He retired in December 1956 after service with both Kentucky Power Company and Appalachian.

Charles F. Mauzy, all T&D. . . R. J. Perdue, T&D, has resigned.

John Nutter, who is a sergeant in the Marine Corps Reserve, has completed two weeks of training in the Puerto Rico sunshine. . . . Howard, Hazel Sampson's son, has joined the Air Force.

E. L. Munday Jr. has been elected vice president of the Charleston Kiwanis Club.

The Live Wires from the Kilowatt Bowling League finished 64th in a field of 2,000 teams in the Honkey's bowling tournament recently. The tournament, which ran for 20 weeks, was held in Cincinnati. Competing were Dick Bradley, Bob Selbe, Shorty Boggess, Jack Jarratt, and Bill Bostic.

**Beckley**

Honors came to two Beckley folks last month. B. H. White Jr., who recently retired from the accounting department was honored by the Civitan Club with a "This Is Your Life" treatment. The club recognized his many contributions to the community and club, which he had served 18 years as secretary, and gave him a plaque and a watch.

Mrs. Gloria Connoley, engineering section, was chosen Valentine Girl to represent her chapter of Beta Sigma Phi sorority, and will compete with girls from other chapters at the annual sweetheart ball to be held in February.

**Kanawha River**

C. C. Murrill, maintenance man, is a member of the nation's top-ranked naval reserve unit. He is a chief radioman of the South Charleston unit, and has been a member since 1947. He served in the Navy from July 1939 to September 1945, and again from September 1950 to May 1952. Competition for the top rank is based on training, advancements in rate, attendance at drills, participation in active duty for training, record keeping, and appearance of personnel.

**KENTUCKY**

**Ashland**

David Criswell, heating sales representative, was elected treasurer of the Northeastern Kentucky Area Development Council.

In personnel news, Ella Mae Rolan has resigned from her job in system accounting, and a new employee there is Dorothy Tucker.

**Bonnie Hervey Spends Busy Summer**

Another student who spent some time in Europe this past summer is Bonnie Hervey, whose father is Logan-Williamson division manager.

With a group of Logan High School students and two teachers, Bonnie joined a larger group in New York and flew by jet to Scotland.

Then for the next few weeks, the youths toured Scotland, England, France, Switzerland, The Netherlands, and Germany with a professional guide, traveling by bus and plane.

The most memorable part of the month-long stay was a side trip in Switzerland. There, Bonnie and several others rented bicycles, took along sturdy lunches of cheese and bread, and went off for a rambling excursion into the countryside.

A senior at Logan High School, Bonnie also spent a week last summer working in the Washington office of West Virginia Congressman Ken Hechler.

**LYNCHBURG**

Lynchburg employees participated 100 per cent on the United Fund Drive for Greater Lynchburg.

Mrs. Margaret S. Floyd, commercial department, has resigned. . . . Thomas F. Puckett has joined the company in the stores department.

**HUNTINGTON**

Ken Morris takes his Scout work seriously. He is scoutmaster for Troop 259 in Point Pleasant. Equipped only with a canteen of water, three bars of candy, raincoat, extra pair of socks, and a C-Ration, he and his boys hiked 19 miles on the Adahi trail. The day started at 5:30, ended 11 1/2-hours later, and each hiker was awarded a Trail Medal. Ken is engineering aide.

**Philip Sporn**

Gene Gloss and his family took part in Gallipolis's 175th anniversary celebration, and Mrs. Gloss and her daughter Susan won the mother-daughter style show contest, and Gene got rid of his whiskers. He is assistant plant manager.

Mrs. Cricket Searls won first place in the women's handicap golf tournament at Pomeroy Golf Club, and was runner-up in the non-handicap championship flight.

Resigning are Okey Killingsworth, Paul E. Icard, and William T. Soulsby.

**ABINGDON**

Glenrochie Country Club golf awards were presented at the club's annual dinner by James E. Prater, heating and builder sales representative, who acted as toastmaster. The vice president's cup in the handicap tournament was won by Gordon Craig. In the men's club championship tournament, Rufus Bondurant won the 1st flight, W. H. Ferguson Jr. was runner-up in the 5th flight, Gordon Craig won consolation in the 6th flight.

Ferne Bondurant, wife of Rufus, was runner-up in the ladies' championship and Kathy Prater, daughter of James E., and Bo Sheffey, son of Robert, received awards in the Junior Division. Robert Sheffey, division engineer, received a special award for posting the most scores during the golfing season.

New employees are Ronald Bellamy, lineman helper in the Gate City line crew, and Raymond Totten, T&D clerk in the records department.

Dean T. Robinson, line foreman in the Clintwood crew, has successfully completed the I. C. S. course in Power Line Design and Construction.

Successful deer hunters were L. W. Duncan, John Rasnick, and Eugene Rasnake.

**PULASKI**

**Pulaski**

Miller Bennington, Fred's son, has been elected SCA president at Galax High School. A senior, he is also co-captain of the football team.

New division employees are Ralph S. Jones, Everett A. Alley, Douglas B. Suthers, D. R. Woolwine, P. C. Payne Jr., and Catherine S. Huff.

**Glen Lyn**

C. L. Spangler attended a Civil Defense radiological instructors training course in Roanoke last month. Other travelers included C. B. King and E. S. Freeman, who represented the Rich Creek Lions Club at the state convention in Martinsville.

(Continued on page 10)

**Three Queens Win**



Three daughters of employees were crowned at high schools at various activities last month. At left is Deborah Burger, who was named Miss Mustang at Marmet High School. She is the daughter of V. M. Burger, assistant shift supervisor at Cabin Creek. In the middle is Pat Haley, crowned Homecoming Queen of William Campbell High School during the game with Rustburg. Her father is A. W. Haley, Lynchburg division T&D, who lives in Brookneal. And at right is another Homecoming Queen, Judy Dee Farley, of Pineville High School. She also doubles as majorette in the band. She is the daughter of Loneda M. Rose, Pineville office.

Service Anniversaries Noted



**W. B. Abele** 30 Years Kanawha River  
**T. F. Jordan** 30 Years Charleston  
**Howard Collins** 30 Years Logan-Williamson  
**Hursten Swiney** 30 Years Logan-Williamson  
**J. A. Ebeling** 30 Years System  
**Fern Gesling** 25 Years Ashland  
**E. W. Woody** 25 Years System  
**T. A. Graham** 25 Years Cabin Creek  
**L. M. Smith** 25 Years Huntington  
**Farest Bevins** 20 Years Pikeville  
**E. E. Dahmer** 20 Years Charleston  
**Keith P. McCoy** 20 Years Charleston  
**D. G. McAllister** 20 Years Charleston  
**Eloris O. Davis** 20 Years Charleston  
**L. H. McDonald** 20 Years Clinch River  
**Jesse Collier** 20 Years Pikeville  
**Charles Campbell** 20 Years Pikeville  
**Walter Venters** 20 Years Ashland  
**Willie C. Conley** 20 Years Ashland  
**Carl Hopson** 20 Years Ashland  
**H. A. Cross Jr.** 20 Years Huntington  
**H. C. Smith** 20 Years Huntington  
**C. E. Yeager** 20 Years Huntington  
**Roy Gregory** 20 Years Abingdon  
**Crusoe Holliday** 20 Years Hazard  
**R. E. Barkley** 20 Years Roanoke  
**C. E. Moore** 20 Years Roanoke  
**J. F. Wilson Jr.** 20 Years System  
**Paul T. Gress** 20 Years Pulaski  
**C. N. Robinson** 20 Years Pulaski  
**C. B. Cornett** 20 Years Hazard  
**Earnest Pennington** 20 Years Hazard

Ruritan Elect  
L. E. McKenzie

L. E. McKenzie, maintenance foreman at Glen Lyn plant was elected president of the Glen Lyn Ruritan Club to serve for the coming year.

Mr. McKenzie was employed by the company August 23, 1942 and served three years in the Army engineers during World War II. He lives at

Glen Lyn, with his wife, son and two daughters.

Other employees of the Glen Lyn plant elected by the club were B. A. Walker, vice president and O. L. Whitlow, director.

Kiwanis Club Elects  
Parker President

Grady L. Parker, Princeton area supervisor, has been elected president of the Green Valley-Glenwood Kiwanis Club.

Mr. Parker, a graduate electrical engineer from North Carolina State University has been with the company seven years.

He is much interested in civic affairs. In addition to his Kiwanis

work, he is also a member of the Green Valley Volunteer Fire Department and a member of the Green Valley Sportsmans Club, and is active in the work of the Princeton Presbyterian Church.

Party Schedules Announced

Plans for Christmas party festivities have by now been made at most locations in our three companies. Details are listed below. In locations not listed, employees will be notified by other means of the dates, times, and places of parties.

**ABINGDON.** The adult party for employees and guests will be held in the Martha Washington Inn in Abingdon December 17 at 7 p. m. Children's afternoon parties are scheduled as follows: Marion, in the company auditorium, 3:30 December 10. Gate City, company auditorium, 3:30, December 13. Clintwood, company auditorium, 3:30, December 14. Lebanon, company auditorium, 3:30, December 15. Abingdon, company auditorium 3:30, December 16.

**ASHLAND.** The party for employees and guests will be held December 17 at the Elks Club in Ashland. The party will begin with a social hour at 6, followed by dinner and dancing. The children's party will be in two parts: in the company auditorium December 23, with Mr. Cartoon from WSAZ-TV and Santa, and at Black's Roller Rink in Ashland, also on December 23.

**BLUEFIELD.** Employees and guests will celebrate with a dinner, entertainment and dancing. The date: December 10. Time: from 7 p. m. on. The place: Bluefield City Auditorium. Small gifts will also be exchanged, and distributed by Mr. Santa Claus himself.

In Welch, the American Legion Club will be the scene of dinner and dancing on December 17, beginning at 7 p. m.

**CABIN CREEK.** Active and retired employees will have a dinner dance at Humphrey's Pine Room in Charleston December 3. The party begins at 6:30. A program and party for employees' children will be held in Chelyan Junior High School at 7 p. m. December 18.

**CHARLESTON.** The adult party, featuring buffet dinner, dancing, and bingo, begins in the Charleston Civic Center at 6:30 p. m. The children's party is set for the State Theater at 10 in the morning, December 18, with movies, popcorn, and Santa with a present for each child.

Employees in the Beckley area will have a dinner and dance in the Beckley Elks Club beginning at 7 p. m. December 17. The club will also be the location for the children's party Saturday December 18, 10 a. m.

**CLINCH RIVER.** Clinchers celebrate the season with a smorgasbord, followed by bingo and dancing. All this at the Martha Washington Inn in Abingdon, December 18, beginning at 7 p. m. The Teen-age Hop is scheduled for the week of December 27, but further details are not yet determined. The children's party is scheduled for December 18, with Santa Claus, gifts, and goodies as the feature attractions.

**GLEN LYN.** A banquet for all Glen Lyn active and retired employees and guests is scheduled for

6:30 p. m. December 11 in Oakvale High School. The children's party is set for 11 a. m. December 18 in the Giles Theater, Rich Creek.

**HUNTINGTON.** A buffet dinner, entertainment, and dancing are planned for Huntington employees and guests for December 10, the festivities beginning at 7 p. m. The place will be the Huntington office building. Movies, refreshments, and gifts are on tap for the youngsters at the Beverly Theater, at 10:45 a. m. December 11.

**KINGSPORT.** In addition to dinner, Kingsport employees and their wives will also have entertainment—including a company film—and dancing at their Christmas party December 3. That's at the Ridgefields Country Club. The children will celebrate December 18 in the company auditorium, a party that will include singing, a movie, and gifts.

**LYNCHBURG.** Lynchburg employees will have dinner together at the Homestead December 21. Following dinner will be professional entertainment, door prizes, and group singing. Special entertainment and refreshments are being planned for the children's party, scheduled for December 18 in the company auditorium.

**PHILIP SPORN.** Sporn plant Christmas activities begin with a teen-age party in St. Joseph Parish Hall in Mason. That begins at 1 p. m. December 11, and includes movies, bingo, dancing, and refreshments. The adult party is divided into two sections so that all shift workers may attend. Buffet and dancing are scheduled at the Moose Hall December 14 and December 15, starting at 7:30. The children's party goes on December 18, beginning at 1 p. m. in the Haven Theater. The program: movie, refreshments, and gifts.

**PIKEVILLE.** Dinner, beginning at 6:30 December 10, in the auditorium of the main office building, starts the evening. Afterward there will be a brief program, including remarks of welcome and group singing of Christmas carols, followed by dancing. The children's party will also be held in the auditorium. The details: 1 p. m. December 11, movies, Christmas tree, and gifts for everyone from Santa.

**PULASKI.** Christmas dinners in the Pulaski division are scheduled as follows (starting time in each case is 6:30): Christiansburg, December 23, Grant's Restaurant; Galax-Hillsville-Byllesby, December 17, Galax auditorium; Wytheville, December 17, Durham's Restaurant; Pearisburg, December 17, auditorium; Pulaski-Claytor, December 17, Pulaski auditorium. At press time the only firm date for the series of children's parties was December 23. That's for Pulaski children, and the party will be at 2 p. m. in the auditorium. Others will be announced locally.

**ROANOKE.** Roanoke division and system people will have a dinner-dance at Hotel Roanoke, December 10, 7 p. m. No date for the children's party has been set, but it will, as usual, be in two sections on the same afternoon.

Locked In



Charleston's Charlie Neely went on a routine connection job on his way to work on the evening shift. He drove his truck inside a high wire fence, rode around back to the meter, and did the necessary work. But, while he was coming to work, everyone else was going home; so Charlie found himself locked in. He used his radio to call the trouble shop, they made some phone calls, and an hour and a half later, Charlie was liberated,

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.

# Hobbies Make Christmas Bright

The Christmas season is always made brighter when one's own handiwork is a part of it. Two persons who find much pleasure for themselves and their friends during the holiday season by use of their imaginations are Mrs. E. W. Holland of Roanoke, wife of the division meter service foreman, and C. E. Jones, personnel supervisor at Glen Lyn plant.

The Hollands' Christmas is made brighter literally, because Mrs. Holland's hobby is candlemaking. This year she put it to use for the benefit of her church, South Roanoke Methodist, and three dozen of her candles were sold during a recent bazaar.

This is the way she does it. First, of course, is the wax. Mrs. Holland uses stumps of old candles and broken pieces she saves or gets from friends, and melts them all in a big pot, fishing out the wicks, of course.

## Jelly Molds

Meanwhile, she has also collected an assortment of containers, ranging from jelly molds to milk cartons, and including anything that would make for an interesting shape, and anything that would hold hot wax. The new wick is arranged carefully, the hot wax is poured in, and it cools—there's the candle.

Different colors can be used separately, or mixed together for various effects. The candles are made even more decorative by the use of whipped wax, conventional Christmas tree ornaments, sparkling glitter, or pine cones. The most elaborately decorated candles represent an investment of up to two hours each. The candles Mrs. Holland made for the church bazaar fetched anywhere from 75 cents to \$2.50.

## Ribbon Roses

The leaves are hardly off the trees around Glen Lyn when Ed Jones begins his Christmas hobby: he supplies Christmas trees for friends and neighbors. These are not the conifers that grow on the hillsides of Giles County, but miniatures made of ribbon, scraps or braid, and jewelry with infinite patience.

And this is the way he does it. He cuts ordinary inch-and-a-half



Mrs. Holland with some of her decorated Christmas candles.



Ed Jones with some of his Christmas trees.

wide ribbon into strips about 18 inches long and shapes them into a series of loops until they look like roses. When he has about 150 made, he has enough to make a tree.

The tree starts out as an ordinary styrofoam cone. Mr. Jones fastens the ribbon roses with fern pins in a tight arrangement all around the cone. Every now and again he will add a small Christmas bell, and then tops the tree with a regular tree ornament. The base is a small clay pot filled with plaster of paris, covered with felt and festooned with sequins. Each such tree requires about 12 hours of patient work.

The biggest part of the job, says Mr. Jones, is making the roses. But, he says, "after you've tied

a hundred or so, you can do it without looking; in fact you can even watch your favorite television show."

Like Mrs. Holland's candles, Mr. Jones' trees come in all colors: green with red ornaments, red with green, white with red, gold with gold, and even orchid with silver. His jewel trees are made by covering the styrofoam with velveteen, spotted with scraps of diamond-shaped felt, and decorated with braid and bits of costume jewelry.

In addition to the trees, Mrs. Jones will occasionally make a Christmas wreath of his ribbon roses—one such contains 260—and a few extra roses of various sizes for use in gift-wrapping.



## Christmas Decoration

For the first day of Christmas, Mrs. C. K. Thigpen brings into her husband's office in Charleston a partridge in a pear tree—of sorts. Mrs. Thigpen, right, explains to Mrs. Jane Patterson how the foliage base can be changed seasonally. Mrs. Thigpen's handiwork in flower arrangements for the coal procurement office has been seen and praised by visitors there.

## New Arrivals

### Charleston Division

MR. AND MRS. GLENN COOK, an adopted daughter, Lena Jean, three years old. Mr. Cook is a T&D clerk.

### Clinch River Plant

MR. AND MRS. DON JONAS, a son, David Eugene, November 2. Mr. Jonas is a chemist assistant.

MR. AND MRS. THOMAS D. WATSON, a son, Thomas Christopher, November 2. Mr. Watson is assistant results engineer.

MR. AND MRS. LARRY BAUSELL, twins, Mark Wayne and Marcia Jelayne, November 5. Mr. Bausell is a utility operator.

### Huntington Division

MR. AND MRS. W. C. ROWLEY, a daughter, Amy Jo, October 15. Mr. Rowley is a chemist.

### Philip Sporn Plant

MR. AND MRS. DAVID R. SIMONTON

a son, Steven Ray, November 10. Mr. Simonton is a test engineering aide.

MR. AND MRS. GERALD W. ARNOLD, a son, Gerald William, II, November 4. Mr. Arnold is a barge attendant.

### Pulaski Division

MR. AND MRS. EUGENE R. COLTRANE, a daughter, Karen Denean, October 24. Mr. Coltrane is a service coordinator.

### Roanoke Division

MR. AND MRS. J. E. HOPKINS, a daughter, Shelly Lynn, November 19. Mr. Hopkins is a right of way agent.

### System

MR. AND MRS. CHARLES R. SAUL, a daughter, Lorie Lynn, November 2. Mr. Saul is an administrative assistant.

MR. AND MRS. JERRY L. FERNATT, a son, Jody Lee, October 28. Mr. Fernatt is a rodman in the system civil engineering department.

## Married In Recent Weeks

### Burruss-Bomar

The marriage of Betty Gale Burruss to Melford Wray Bomar was performed in the First Methodist Church in Lynchburg, Virginia, November 20. Mrs. Bomar is a PBX operator in Lynchburg.

### Higginbotham-Perry

A double ring ceremony performed October 23 in the Glasgow Methodist Church united Charlotte Higginbotham and James L. Perry, Jr., in marriage. Mrs. Perry is a cashier in the Montgomery office.

### Effingham-Followay

A double ring ceremony performed in the Walnut Hills Baptist Church in Huntington, West Virginia, united Tama Sue Effingham and John B. Followay in marriage November 13. Mrs. Followay is a clerk-stenographer in the division commercial department, Huntington.

### Orr-Snodgrass

In a double ring ceremony at the Church of Christ in Belle, West Virginia, Frances Ann Orr was married to Jarrell V. Snodgrass October 23. Mrs. Snodgrass is the daughter of Charles K. Orr, boiler operator at the Cabin Creek Plant.

### Barns-Nesbitt

Lenora Ruth Barns was married to Joseph Nesbitt in a double ring ceremony performed September 3 in the Church of Notre Dame in New York City. Mrs. Nesbitt is the daughter of F. B. Barns, Welch line supervisor.

### Chetwin-Brandon

Susan Chetwin and Ronald Brandon repeated their nuptial

vows in a double ring ceremony performed in the Trinity Episcopal Church in Huntington, West Virginia, September 23. Mr. Brandon is a laboratory helper, Huntington.

### Hamblin-Harper

On November 20 Ella Mae Hamblin became the bride of Delbert Ray Harper in the Davis Chapel Baptist Church at Chandler's Branch, Charleston, West Virginia. Mrs. Harper is the daughter of Charles W. Hamblin, Charleston groundman.

### McReynolds-Valley

Jan Preston McReynolds became the bride of L. F. Valley, Jr., October 29 in a double ring ceremony in the Lebanon Memorial Methodist Church, Lebanon, Virginia. Mr. Valley is the son of L. F. Valley, area supervisor in Russell County, Abingdon division.

### Artrip-Mullins

Brenda Sue Artrip exchanged wedding vows with Elwood Mullins October 16 in Abingdon, Virginia. Mr. Mullins is employed as lineman helper in Clintwood, Virginia.

### Kemper-Williams

The First Baptist Chapel in Ashland, Kentucky, was the scene for the wedding of Carol Kemper and Dennis Williams November 13. Mrs. Williams is a clerk trainee in the system purchasing department, Ashland.

### Lorrison-Gibbs

Marriage vows were exchanged by Audrey Lorrison and Ralph V. Gibbs, Sr., November 13 in the Spillman Church in West Columbia, West Virginia. Mr. Gibbs is a retired janitor at Philip Sporn Plant

## They're Engaged

RUBY FAYE ELAINE BRATTON to Martin C. Philpott. Miss Bratton is a clerk-stenographer in the Roanoke division commercial department and the daughter of G. D. Bratton, Roanoke division line foreman in Rocky Mount.

REBECCA ANN NICHOLS to Wade Mahlon Howell. Miss Nichols is the daughter of W. L. Nichols, Jr., Fieldale lineman.



Married over the system in recent weeks were, top row from left, Mrs. Melford Wray Bomar, Lynchburg; Mrs. James L. Perry Jr., Charles-

ton; Mrs. John B. Followay, Huntington, and Mrs. Jarrett V. Snodgrass, Cabin Creek. Second row, Mrs. Joseph Nesbitt, Bluefield; Mrs.

Ronald Brandon, Huntington; Mrs. Delbert Ray Harper, Charleston, and Mrs. L. F. Valley Jr., Abingdon.



Winnie and Lois Hart prepare another film made during their most recent trip to Europe. The pair has visited the continent five times, and has made a complete photographic record of each trip.

### Hobby Time Is Travel Time

High up on the list of offbeat or fascinating hobbies must be the one pursued by Lois and Winnie Hart of Roanoke. Theirs is going to Europe.

That's right: trips to Europe—five so far—and taking hundreds of slides, black and white photos and at least a mile of movie film to use as evidence and to bring back memories between trips.

Winnie is senior station engineer in the Roanoke division and his wife is secretarial-stenographer in the system real estate and right of way department.

Like so many, Winnie was bitten by the Europe bug when he was in service, and he resolved to come back soon and often.

In 1959 the Harts made their first trip, and since then have been four times. In each case they flew by jet, and have visited England, Wales, Scotland, Ireland, The Netherlands, Belgium, France, Luxembourg, Germany, Austria, Switzerland, Italy, Spain, Portugal, and even minute Monaco.

Their routine is generally the same. They rent a car, and then move on as fancy dictates, with no real itinerary, and no real schedule, except for a terminal date. Thus they see the real country and its people, and not merely the places suggested by travel bureaus and promoters.

And wherever they go, their cameras go with them, both Harts being skilled photographers. At home, the movie film is sent off to a commercial laboratory to be processed, but the slides and the black and white shots are processed right in their own dark room.

Their collective photography work is displayed in albums, and in 16 x 20 enlargements framed on the walls of their home. The Harts have also edited that mile of film down to five 30-minute features. Still in the editing stage is the film taken during this year's trip, which will show Spain and Portugal, and the bull fights.

## Haley Makes Advertisement Come True

There is a sentence in Appalachian's "Our Job" advertisement that says we do all we can to keep complaints about our service from arising, and to "settle them fairly and promptly when they do."

The job of implementing that last part falls generally on each employee, but most particularly on customer service representatives such as Lynchburg's James H. Haley.

He starts with the premise that where the customer has a problem, so does the company; and it's the same problem. If there's something about the way we do things that a customer doesn't like, then that customer deserves an explanation. The customer, he says, is after all the one who pays the salaries around this place.

Not surprisingly, Mr. Haley has found that most customer inquiries center around the questions of usage and cost. "It's not enough," he says, "to brush these inquiries off by saying something to the customer like 'well, that's what the meter shows.' You've got to show them what they're getting for their money."

To do this, Mr. Haley brings to his job an assortment of talents, not the least of which is a solid background in appliance use. Before moving into his present position, he was for some years an appliance serviceman. He knows what appliances do and cannot do, when they are working efficiently, and when they need repair.

This experience stood him in good stead during the course of one investigation. Mr. Haley visited the customer's home, and made his usual checks, finding nothing out of order in the meter or appliances. Then, as he always does, he sat down with the customer for a general discussion. He found out that of the 62 days in the billing period, the customer was at home



Making its way through Princeton traffic is the house that formerly stood on the land where Appalachian will build a new service building. The house was moved from the site late last summer.

22, and that a large water-heater was cut off. He was able to point out that the necessity of reheating the water in the heater, plus the average use of electricity during the 22 days the customer was at home made the bill not at all out of the ordinary. The customer, after this explanation, was satisfied.

In fact, he has found that most customers are open to reason, and they are prepared to admit the justice of the company's position as quickly as their own if that proves to be the case. If there is a reasonable explanation, they'll buy if; if we're wrong, they want it settled. "And we want it settled too," adds Mr. Haley.

"Customers are the greatest people around," he says. "I love 'em."

### Cabin Creek Man, O. Wilson, Retires

Owen Wilson, mechanical maintenance man at Cabin Creek plant, retired October 31, 1965, after 25 years of service.

Mr. Wilson started his employment in 1940 as a laborer. In 1944, he was promoted to mechanical maintenance helper and in 1947, to mechanical maintenance man, a position he held until retirement.

He is an active member of the Baptist church. Fishing and hunting are two of his main hobbies and he plans to spend quite a bit of time at this.

## "Routine" Car Accident Causes Trouble To All

The cause was, unfortunately, routine enough: a car went out of control, smashed into a power pole and gave it and its hardware a thorough clobbering.

But that one event set into motion a whole chain of events that included loss of electric service to nearly 2,000 customers and its attendant inconvenience and irrita-

tion, depriving a number of Appalachian employees of the company of their families on a lazy Sunday, injury to the driver, and payment of large sums of money by the

driver and by the company for loss of material and time. And this doesn't include the uncountable cost of goodwill by customers, who blamed the loss of power on the

company. Let's see in pictures just what happens when a routine mishap such as this occurred on a Sunday morning in Charleston not long ago.



Dick Bradley, Charleston lineman, was reading the Sunday comics to his children: Bruce, Jeff, and Scott, who seems much concerned by Dick Tracy's plight. In a few minutes, he'll get a telephone call to report to work, and when he gets back home, the comics will be forgotten, and dinner cold. Because (middle picture), a few miles away, a car has rammed into a

utility pole, injuring the driver, and tearing down lines. Instantly out of service are 1,984 customers. Someone has called Turner station to report the outage, and a general serviceman is on his way. After he assesses the damage, Leland Price, service foreman, will be called. He goes to the service building and, right picture, busies himself calling out the line crew and stores per-

sonnel, and answering the fast and steady flow of customers' calls. Here are Glenn Cook, Rich Donegan, and Mr. Price working on the phones. Meanwhile, bottom row, left, T&D's Bob Isner, Paul Curry, Pat Taylor, Ray Walker, Ben Martin, and Doug Purvis, also called out this pleasant Sunday, take over the telephone chores and tell cus-

tomers what has happened, and approximately what time they can expect service to be restored. Center: by now Everett Reed's crew has arrived at the storeroom. Their truck, which was already loaded for Monday's work, has to be unloaded and restocked with necessary materials for the emergency job. Dick Bradley, Mr. Reed, and Elmo Thaxton

handle the unloading while G. T. Turley stands by to fill material requisitions. Finally, a new pole has been reset and hardware transferred to it. Dick Bradley closes the cutout to energize the transformer while Lawrence Jones begins his descent. The job has been done, power has been restored, and the men can go home.

## Kenova Plant Demolition Closes Long History

The old Kenova steam plant is coming down.

A contract for the demolition of the 42-year-old structure was awarded to Young-Rosen, wrecking contractor from Youngstown, Ohio, and the dismantling work will begin December 15.

The plant's turbines, generators, boilers, and other equipment will be removed for salvage, and then the stacks and building will be torn down. No explosives will be used at any time during the demolition. The entire job is expected to require about eight months.

The plant was built in 1923, and had a capacity of 40,000 kilowatts. It largely served the Huntington area until 1954, when it was placed in reserve. In 1961 the plant was officially retired.

For spectators at least the most interesting part of the demolition will be the removal of the plant's two stacks. One is 260 feet high, made of brick; the other 105 feet, of

steel. The latter will yield approximately 40 tons of steel plate and angles for salvage.

Young-Rosen will remove all debris from the site and level it by back-filling to within six inches of the level of the surrounding land. Retaining walls along the river side of the site will be left untouched. Pipe openings through these walls will be plugged, and holes in the power plant's foundation walls will be sealed by welded plate covers or concrete.

Appalachian's plans for future use of the plant site are indefinite.

## Employees' Ideas Win Electrobucks

Employees from seven locations picked up Electrobucks recently when their work simplification proposals were selected as the outstanding of the crop processed during the third quarter of 1965.

Each such selection was worth 50 Electrobucks to its author.

The winners:

R. M. Cooke, Sporn plant. His idea centered on the use of existing control equipment in operator training.

Paul Bailey, Lynchburg. He suggested contracting out to a city cab company to shuttle mail between the new service building and the downtown office building, five miles away. Savings: \$1,100 annually.

W. S. Buchanan, Kanawha River. He thought of a method to minimize damage to unprotected hopper metal, which was exposed to high temperatures.

R. N. McDaniel, system operating. His proposal described the use of telephone answering-recording equipment to improve communications, particularly daily trouble reports, between regional dispatchers and the system office.

Mary Elizabeth Davis, Logan-Williamson. To simplify paperwork connected with the introduction of mercury systems in street lighting, Miss Davis proposed use of pre-printed minutes and certificates for use at council meetings.

W. L. Nuhfer, Cabin Creek. He devised a system whereby it was possible to identify and eliminate deteriorating parts in exhaustor motor coils.

Helen E. Young and Robert M. Bowman, Roanoke. They developed a method for folding maps and drawings to size convenient for inclusion in reports and binders.

## System Man Retires, Ends Long Career



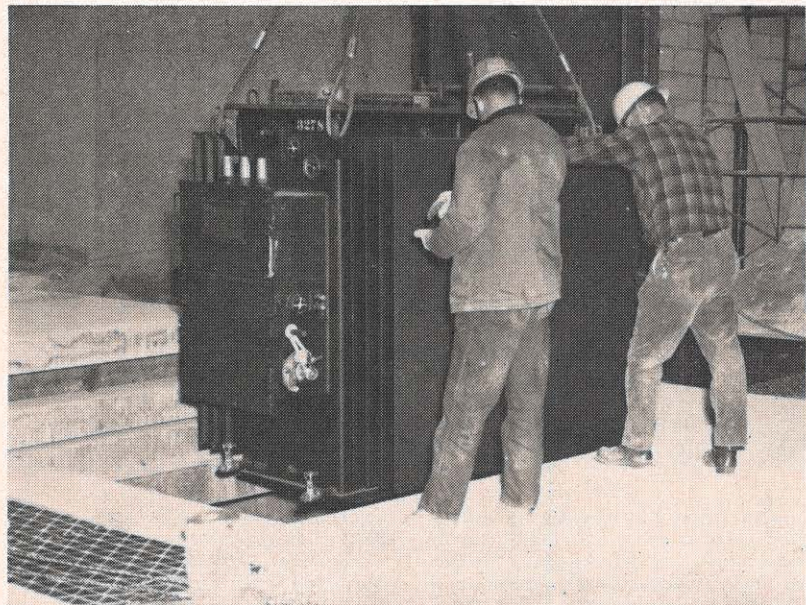
Mr. Ribble

W. H. Ribble closed out with retirement last month an electric utility career of more than 31 years. He was system operations coordinator, working out the Roanoke load control center.

Mr. Ribble started out in May 1934 in the old Kentucky and West Virginia Power Company in Hazard. He worked there as machine helper, turbine room man, and watch engineer before moving to system operations in 1953 as a system substation operator. In 1955 he was promoted to regional dispatcher, and in 1957 to the position he held at retirement.

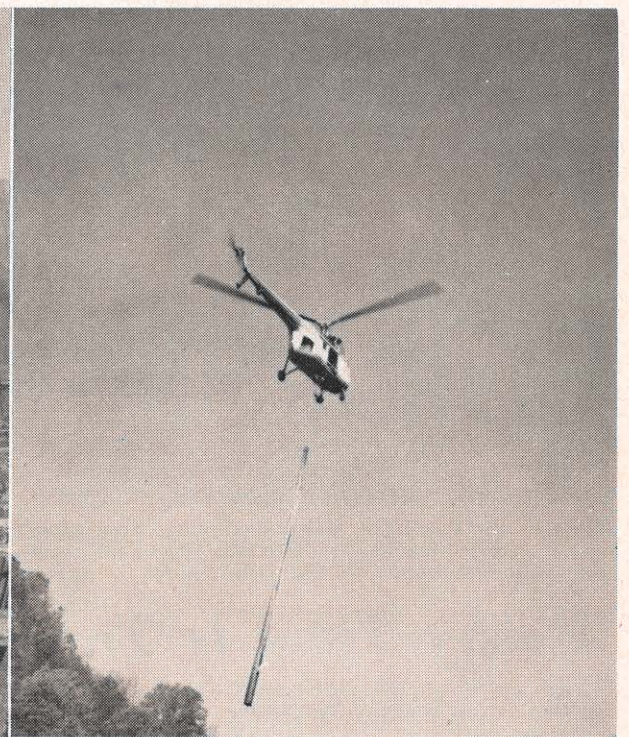
In retirement Mr. Ribble plans hunting, fishing, and traveling as amusements.

## Down The Hatch



Roanoke division men keep a careful eye on the downward progress of a 1,500-kva transformer into the vault of the Roanoke Community Hospital. This is one of two transformers that will serve the requirements of the still a-building hospital.

## Choppers In Kentucky



For the first time a helicopter was used in building the Coleman-Tom Watkins 69-kv line in the Pikeville division. Using the helicopter in the rough country of eastern Kentucky, the job was done in two and a half days, but would have taken two months with conventional methods. At the same time, in the Hazard

division, helicopters were in use on the Whitesburg-Fleming 34.5-kv line rebuild. The picture at left shows a pole being lifted out of the marshalling yard in the Pikeville division work, and at right, another being carried away in Hazard.

## AEP Blackout "Inconceivable"

(Continued from page 1)

conditions of the most adverse character. By this is meant the simulated loss of entire plants or lines, alone or in combination, either on our System or on the systems of neighboring utilities.

### Built-In Safeguards

Cook said that these six principal factors led him to believe—and that the engineering-computer studies reinforced his belief—that "the System would meet any kind of severe emergency that we could contemplate without affecting customer service in any way." The only exception to this, he said, would be in the immediate area of the emergency itself, "and even here the System's built-in safeguards would serve to minimize the scope and duration of the outage," he added.

He said that, through the years, the AEP System had experienced "many emergency conditions." He cited the "worst tornados in U. S.

history" that struck wide area of the System in Indiana and Ohio last April. Although 27 high-voltage lines and several substations were knocked out of service by the twisters, including all 13 transmission lines feeding the city of Fort Wayne, Ind., "nonetheless, these tornados failed to interrupt a single kilowatt of load on the AEP System except to customers connected to those power lines that were flattened."

### Paradox

Cook pointed to the major paradox arising from the Big Blackout: the fact that a cry was immediately sounded for a public power grid of national scope as "an ostensible remedy" to prevent future outages of its kind, while at the same time it was a government-owned power system that was the responsible cause for the blackout in the first place.

Cook concluded: "AEP's is a proud record of performance. Nevertheless, we have already taken steps to recheck our entire System. We are doing this to determine if, in any way, we need further to strengthen or improve our protective system or our operating procedures.

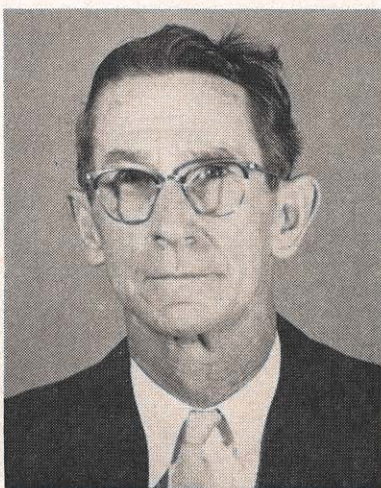
"It is our aim to render the best electric service in this country. We will not fail. This is our pledge."



## Going Down

Here's a case where linemen go down to their work, and not up. The scene is the South Side bridge across the Kanawha River in Charleston, and the job is converting the east Charleston circuit from 4-kv to 12-kv. George Robinson and Herb Barker are on the ladder, aided by Lewis Burns and Keith Brown above.

## Herman Jones Dies In Charleston



Mr. Jones

Herman Jones, 65, Charleston lineman who retired in 1961, died November 7 in Charleston. A native of Legg, West Virginia, Mr. Jones joined Appalachian in 1917 and had worked for the company just three days short of 44 years when he retired.

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

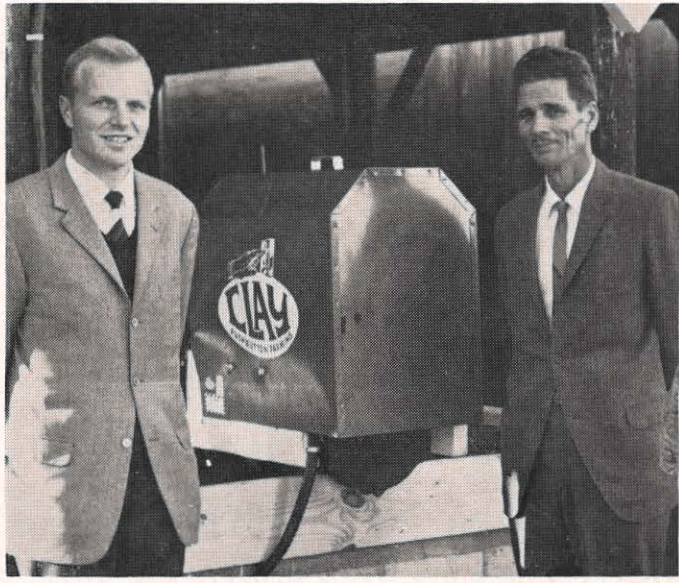
Services were conducted at Cunningham Funeral Home in Charleston on Wednesday, November 10, at 1 PM, and burial followed in Tyler Mountain Memorial Gardens.

## Setting The Pace



It's a proud group of employees in Rocky Mount—every one of the 13 of them is living better electrically. Clay L. Altice, groundman, completed electric heat in his home in mid-September, ending a process that began in 1954 when A. R. Martin, area supervisor, built a total electric home. In between, the other 11 employees did the same. The Rocky Mount area, with 6,500 customers, has 380 total electric homes. Employees in the office are Mrs. Peggy Edwards, Mrs. Flora D. Ramsey, E. J. Shaver Jr., Ivy J. Layman Jr., Orville Napier, Silas F. Plybon, G. D. Bratton Jr., K. W. Winger, D. E. McNeil, A. G. Adams, C. R. L. Brown, and Mr. Altice and Mr. Martin.

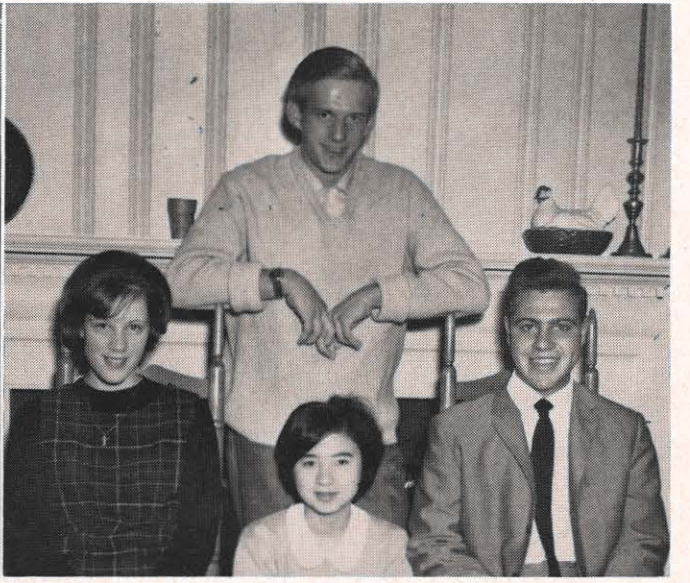




In Huntington, Point Pleasant, and Roanoke last month, youngsters from foreign countries were learning about the American way of doing things. The visitor in Huntington, picture at left, Hermann Engelbrecht, 25, an international farm youth exchange participant.




He was visiting a farm in the Huntington area with the commercial department's Charlie Ferguson, center. The farm's owner, Jim Shadle, is at right. In the middle picture with the Leo Bias family is Lim Kim Kuei, of Indonesia. She spent the summer with the family in



Point Pleasant with her roommate at West Virginia Wesleyan College, Tina Bias. The two girls worked at Pleasant Point resort during the summer, and are now back at school together. In the picture are Mr. Bias, Tina, Lim Kim, Mrs. Bias, and Randy. And in Roanoke, three youngsters from as many different countries joined a fourth in the D. C. Kennedy home. They were delegates to a student government association meeting in Roanoke, and stayed with the Kennedys. In

the picture at right are, seated, Ann Humphrey, England (who is spending the school year as an exchange student in Roanoke); Et-suko Shiozaki, Japan, and Jean Pierre Lucas, France. Ulrich Maltzahn, Germany, is standing.



## Camera Roundup



Mechanical engineering students from Virginia Polytechnic Institute saw in operation what they have been studying in textbooks during a recent tour of the Glen Lyn plant. The tour was under the direction of Tech Professor C. H. Long.



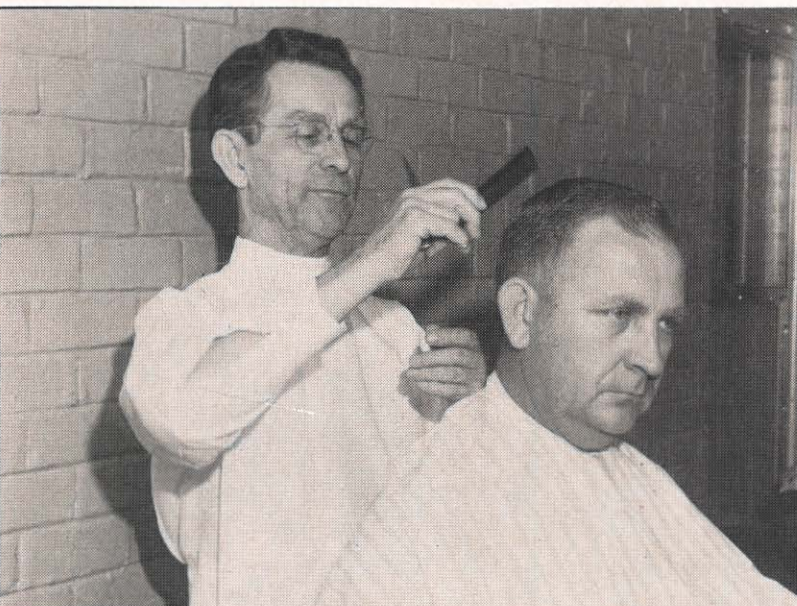
Glen Lyn plant has designed a new safetometer to show employees the state of their progress towards their goal of one million safe manhours. C. L. Spangler, plant safety supervisor, points out that plant employees are halfway there.



New recipes and more efficient use of commodity foods was the goal of a recent workshop and demonstration in the Huntington auditorium recently. Janet Yost, center, home sales representative in Huntington, is working here with Mrs. Dorworth, left, and Mrs. Ward, both county welfare workers. A luncheon, using the commodity foods, was prepared and served, showing recipients of the commodities the best way to use them.



J. P. Cruickshank, recently retired as Appalachian's T&D manager, was elected a life member of the Mountain Lake Right of Way Maintenance Conference, a group he helped establish. Mr. Cruickshank, left, accepts the plaque signifying his election from C. L. Gregson, vice president and general manager of The F. A. Bartlett Tree Expert Co. Membership of the conference is drawn from the entire east coast area west to the Mississippi.



Johnnie Wright never had a problem getting a haircut, and here's why. Doing the job is his father, J. W. Wright Sr., who has just retired from his shop, and from his position as the oldest active barber in the Henry County area. He had been in the business for 54 years, gave an estimated 324,000 hair cuts. The younger Wright is dealer sales representative in Fieldale.



Two Appalachian men who directed their communities' United Fund drives are shown in the final stages of the campaign. At left, E. L. Munday Jr., assistant division manager in Charleston, is busy stirring up some Music To Go Over The Top By with Mrs. Robert A. Douglas. The picture was made during a



Fund rally. With them are R. S. Wehrle and F. S. Pattison. At right, John Vaughan, assistant division manager in Roanoke, has already seen the goal reached. Miss United Fund marks up the total on the report board as Mr. Vaughan watches happily.



This is a typical 4-H group working on small electric motors.

## Company Has Long Record Of Work With Youth Groups

The election of Charleston's John W. Griffie to the presidency of the West Virginia State 4-H Leaders Association demonstrates, if such a demonstration is necessary, our companies' interest in the work of developing youth to accept the responsibilities of leadership.

Mr. Griffie is one of many power company personnel who have participated in 4-H work, personnel who are in some cases working with the second and third generations of customers. Over the years engineers, home sales representatives, and management employees have worked with youth groups in areas that are in some way connected with electricity.

For example, no one knows how many Brownies and Girl Scouts have taken part in cooking classes arranged and taught in company demonstration kitchens by company employees. It is certainly a fact that daughters of many of those girls of two decades ago are learning the same things in the same way. Youngsters have learned how to cook, how to freeze and can produce, proper use of appliances, meal planning, and use of laundry equipment.

## Merrill Atkinson Retires In Logan



Mr. Atkinson

Merrill R. Atkinson, administrative assistant in Logan, retired effective December 1.

A native of Zaleski, Ohio, he graduated from Ohio University in 1922. Employed August 1, 1926, his first job was new business man. During the ensuing 39 years he served in the following classifications: manager of residential sales, commercial agent, and administrative assistant.

Mr. Atkinson is well-known throughout West Virginia and in many parts of the country. He has traveled extensively and has various business interests. Active in Kiwanis, he has served as president of the Logan Club, and as lieutenant governor. He has attended International Conventions of this organization for over 20 years. He has served in many civic and community projects, including Community Chest, Red Cross Blood Program, Masonic bodies and Elks Club, and has been state president of Sons of American Revolution.

Upon retirement he plans to remain in Logan, and engage in his other business activities.

It's not all for the girls either. Boys from Cub Scout level through high school have received training in elementary electricity, proper operation of electrical farm equipment, new applications of electricity on the farm, wiring, maintenance, small repairs, lighting, and all the rest.

Because the 4-H program covers such a broad spectrum of activity, Appalachian has spent much time with this group. Employees have served as camp counsellors and instructors in various electric workshops dealing with many of the items listed above. Kanawha County, which is Mr. Griffie's principal operating area, contains nearly 10 per cent of West Virginia's 35,000 4-H members.

In addition to providing personnel to help carry on the work of the 4-H, Appalachian also makes certain financial contributions to enable outstanding students to attend the state 4-H camp at Jackson's Mill each year.

Organizations such as Future Homemakers of America, Junior Deputy Sheriffs organizations and Vo-Ag groups benefit by Appalachian instructors, and in many schools, Appalachian employees go into classrooms to assist science, physics and shop instructors in subjects close to the electric utility business.

All of this, plus the education award program for employees' children, the valedictorian scholarship program, and the co-op training with college students, is evidence of the company's interest in developing the potential of youth.

Mr. Griffie, newly-elected, has long experience in this. He moves from two years as vice president, and a member for 15 years. This past summer was the 13th he has worked with 4-H youngsters at the Putnam County camp. A graduate of Western Kentucky College, he holds a degree in accounting, and is presently a residential and rural sales representative in Charleston. With time out for Navy service during the Second World War, he has been an Appalachian employee for 27 years.

## Carolyn Keeps Eye On Office Plants

Carolyn Viars, you might say, keeps an eye on the plants in Jack Walters' office in Charleston.

One Friday not long ago she was busy rinsing and inserting her contact lenses, when the procedure was interrupted by the arrival of a typewriter repairman. Later, when he had gone, Carolyn couldn't find one lens, even though she and Mr. Walters, the division accounting supervisor, searched everywhere.

Now comes Tuesday, and as she was watering the plants in Mr. Walters' office, she saw the missing lens staring back unblinking from the flower pot. How it got there, nobody knows.

## Retirement Bouquet Pays Old Debt

Schley Eskins probably thought they were doing things up brown at his retirement party in Charleston last month, when they handed him a large florist box. However, when he opened it, he found, not roses, but a box full of weeds. He didn't need to look at the card which read "Twenty years of fondest memories" to know who had sent them.

It was April, 1945, when Mr. Eskins, always the practical joker, asked Janice Champe if she would like some of his chrysanthemum plants to plant in her yard at her home at Montgomery. Remembering Mr. Eskins' beautiful flowers, Janice eagerly took the bucketful of plants he brought to her and planted them on all four sides of her yard. "Are you sure these are Chrysanthemum plants?" she asked him, for she thought they looked a little peculiar, even though they smelled like mums. He assured her they were.

Tenderly she nursed the plants, being careful to pull all weeds from around them. It was August before she finally realized that flowers would never bloom on those weeds she had planted. By that time she had taken such good care of them, and the roots were so firmly imbedded, that she couldn't get rid of them. Now, twenty years later, they still come up every spring.

So, it was a bouquet of his own particular kind of "chrysanthemums" that she sent him upon the occasion of his retirement.

## Charleston Man Called To Army

Larry D. Lindberg, Charleston office messenger, has taken military leave of absence, and will serve two years of active duty.

He joined Appalachian a year ago, after graduation from Charleston High School. He worked as a groundman in the T&D line section before transferring to the accounting department.

Mr. Lindberg is single, and lives with his parents in Charleston.



Mr. Lindberg



## Turtle Club Member

The newest member of the Turtle Club on the system is Stanley Wagoner, maintenance man at Clinch River plant. He won his membership when a steel wedge was struck an off-center blow by a hammer and slammed the left side of his hard hat. The only damage: a scuff mark. J. A. Moore, plant manager, center, makes the membership presentation while other employees watch.



Carl S. Bacon, heating and builder sales representative, has been elected vice president of the newly-formed Bloomingdale Optimist club . . . John Faust, power sales engineer, has been elected a director of the Community Chest . . . Donald Hartgrove and James Long are new employees in T&D.



## Fieldale

Fieldale employees, with an average contribution of \$25.80 (including company gift) participated 100 per cent in the Henry County-Martinsville United Fund drive just completed. J. B. White was general chairman of the drive, and M. B. Pitches was employee chairman.

## System

The system transmission department's new employee in Bluefield, James C. Lovill, is also a new bridegroom. He was married October 16 to Miss Wanda Gillenwater.

In the system accounting office, new employees are Carolyn S. Burrell and Reatha G. Tuck.

## Morris Lewis, Reusens, Retires



Mr. Lewis

Morris Lewis, helper at the Reusens hydro plant, retired November 1, after completing 30 years of service.

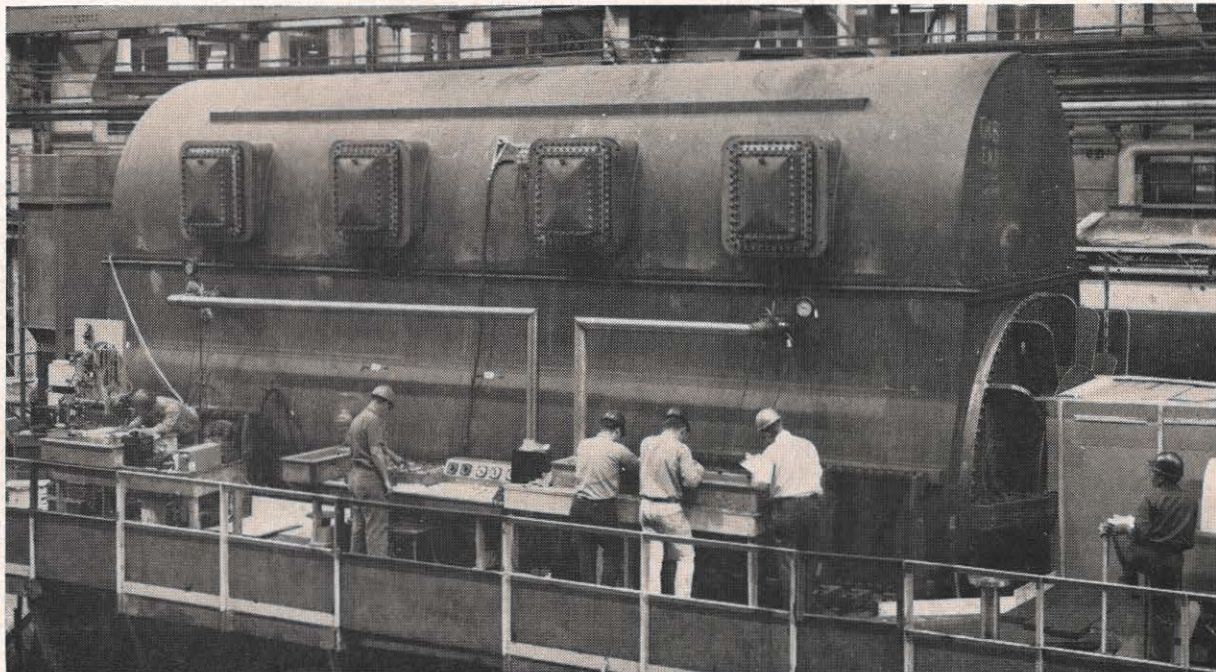
He was employed March 8, 1935 as a laborer and promoted to his present position on August 1, 1944.

On his last day at work he was presented with several gifts from his fellow employees.

He plans to spend his retirement at his home at Reusens, and "catch up on a lot of odds and ends" around the house.

Lewis is a member of the Wingfield Baptist Church.

## Cardinal Generator



This is the largest conductor-cooled generator ever built by General Electric, and it is currently under operational testing. Its ultimate destination is the new Cardinal plant, where it will generate 615,000-kw. The generator is a record powermaker both in capacity and weight. The liquid-cooled stator alone,

without its end shields, ventilating dome and gas-cooled rotor, will weigh in at well over 325 tons, and it will be the heaviest on-the-rail shipment ever made by GE's large steam turbine-generator department. A 60-foot, 24-wheel flatcar will carry the generator to the plant site at Brilliant, Ohio.



One of America's outstanding young women, Nancy Sue Smith of Williamson.

## Paralysis Doesn't Stop Williamsonian Who Receives "Outstanding" Honor

Nancy Sue Smith of Williamson, who has operated Sue's Answering Phone since 1959, and who has relayed service calls for the Williamson area of Appalachian on many occasions, has been named an outstanding young woman of the United States.

Miss Smith was left a quadriplegic (paralyzed in all four limbs) following polio when she was 7. She was nominated for the award by the Tug Valley Junior Woman's Club and Elizabeth Chapter 37 of East-

ern Star, and is one of 6,000 young women across the country so honored.

The nomination was based on Miss Smith's activities in the community. She is active in mental health work and has written and published a history of Mingo County. She is now preparing a textbook on the history of Mingo and Logan Counties.

Confined to a hospital-type bed, she operates an electric typewriter with a pen in her mouth, and carries on reading, her phone service, art work, and ceramics.

## A. T. Blizzard, 72, Retiree, Dies



Mr. Blizzard

Andrew Thomas Blizzard, 72, died November 18 in Charleston after a long illness. He had retired as Charleston district T&D line inspector on April 1, 1954, after 32 years of company service.

"Resin," as he was called by his friends, began working for the old Virginian Power Company in September, 1913 and had nine years of broken service between then and May, 1922, when his 32 years of continuous service began.

Mr. Blizzard began working for Virginian Power Company as a groundman. He was a member of the crew that built the first power line known as the Five Mile Branch on Kelly's Creek, near Ward, West Virginia. He also worked on the first tower line built by the Virginian Power Company, which was a 44,000-volt line from Scarbro to Packs Branch, which has since been torn down.

After serving 30 months as a member of Navy gun crew during World War I, he returned to work in 1922 as a lineman, and was a member of the transmission maintenance crew until 1924. He worked later as a station man at Thurmond, and returned to the transmission crew in 1930. In 1948 was transferred to the Nitro-St. Albans office as a serviceman. He was promoted to the line inspector in 1952.

Mr. Blizzard was a member of the American Legion, Veterans of Foreign Wars, and Owls. He is survived by his widow, Hallie Mae, three sons, five daughters, one brother and one sister, 17 grandchildren and one great-grandchild.

Services were held in Keller Funeral Home at Dunbar Sunday, November 21, and burial was in Grandview Memorial Park.

## AEP Annual Report Is Prize Winner Again

For the sixth time in the past nine years, the annual report of American Electric Power Company has won the "Silver Oscar" award, symbolic of the best in the entire utility field.

The award was presented to President Donald C. Cook at a banquet October 26 at the New York Hilton Hotel. Presentation was made by Richard J. Anderson, editor-publisher of "Financial World" magazine, sponsor of the annual competition.

The 1964 annual report of AEP also won a Bronze Oscar—its 10th in the past 11 years—for being judged the best published by an electric utility holding company. The Silver Oscar was for the best report in the broad utility field, including all electric, gas, telephone, water, and pipeline companies.

Top winner in the 1964 annual report competition and awarded the "Gold Oscar" was Copperweld Steel Company, judged best of approximately 5,000 annual reports entered in the 25th annual competition.

G. Keith Funston, president of the New York Stock Exchange, was the banquet's principal speaker.

Judges for the competition finals were: Dr. Joseph H. Taggart, executive dean of the Schools of Business, New York University, chairman; Todd Alexander, president, New York Society of Security Analysts; Jesse Bogue, president, New York Financial Writers Association; John A. Skidmore, president, Art Directors Club of New York; and Humphrey Sullivan, president of the New York chapter, Public Relations Society of America.



Mr. Cook, right, accepts the Silver Oscar from Richard J. Anderson.

## Charleston Youth Quizzes Senator

Appearing with other young people from throughout West Virginia on "Youth Wants to Know," a television program presented by WSAZ-TV, November 13, was David Walters, son of J. D. Walters, division accounting supervisor. This outstanding group of students comprised a panel and asked questions of Senator Jennings Randolph of West

Virginia, concerning the 89th Congress.

Skip tied for second in the state in the recent Merit Scholarship semi-finalists, and ranks first in the Senior Class at South Charleston High School. He was chosen "Student of the Month" for November, and was a nominee from the high school for "Citizenship of the Year" award by the Kanawha Juvenile Council.

He is president of the National Honor Society this year at SCHS, president of the Russian Club, secretary of the Hi-Y and vice president of the district Hi-Y. He plays high school basketball and football and is on the track and wrestling teams. He also plays baseball for the American Legion.



Skip Walters

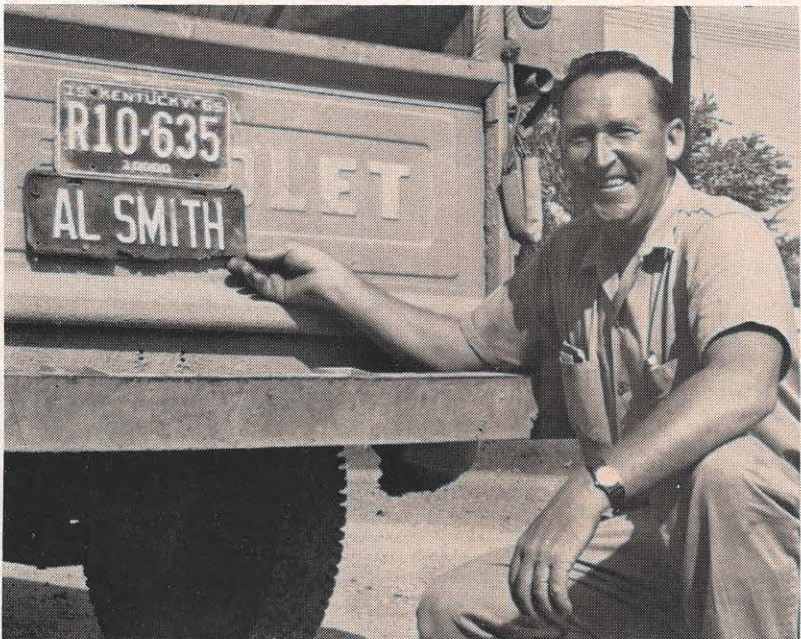
Senator Jennings Randolph of West

## End Of The Line



With the electric cord still attached to the lamp and a pen still in the holder, the bronze stand-up writing desk that until remodeling started, stood in the lobby of the Charleston office building, was spotted forlornly in a city junk dealer's lot. Even from here, it had to be moved, because bulldozers were clearing the salvage yard to make way for a new building. (Charleston Daily Mail photograph.)

## Shades of '28



When the Kentucky Power Company collection agency in Louisa, a drugstore, was remodeled recently, old counters were moved out for the first time. Ashland's serviceman, Mason (Red) Gallaher thought he had found an old license plate. However, what Red first took to be numerals proved to be that famous political name shown above. Who said auto tag advertising was something new?



### Appalachian Power Company

ABINGDON DIVISION—20 YEARS: ROY R. GREGORY, lineman. 15 YEARS: HAROLD PARKS, T&D clerk.

BLUEFIELD DIVISION—20 YEARS: FRED ADAMS, heating and builder sales representative. 10 YEARS: JUANITA CROUCH, T&D clerk. 5 YEARS: WILLIAM C. DICKASON, janitor.

CABIN CREEK PLANT—25 YEARS: T. A. GRAHAM, boiler maintenance man.

CHARLESTON DIVISION—30 YEARS: T. F. JORDAN, lineman. 20 YEARS: EUGENE D. DAHMER, meterman; KEITH P. MCCOY, area serviceman; DENVER G. MCCALLISTER, truck driver-groundman; ELORIS O. DAVIS, meterman. 10 YEARS: THOMAS A. CRAFT, service representative; MASON T. WOOD, area superintendent.

CLINCH RIVER PLANT—20 YEARS: LOVELL H. McDONALD, master maintenance man. 15 YEARS: BURBUS C. FERRELL, JR., maintenance man.

GLEN LYN PLANT—15 YEARS: C. E. JONES, plant personnel supervisor.

HUNTINGTON DIVISION—25 YEARS: L. M. SMITH, stationman. 20 YEARS: H. A. CROSS, JR., heating sales engineer; H. C. SMITH, meter serviceman; C. E. YEAGER, engineer. 15 YEARS: C. D. JACKSON, meter reader. 10 YEARS: LA'VEETA E. PETERS, maid; D. C. MILLER, lineman.

KANAWHA RIVER PLANT—30 YEARS: W. B. ABELE, chief chemist. 15 YEARS: J. W. HAMMAR, master maintenance man; S. E. KEES, maintenance man.

LYNCHBURG DIVISION—10 YEARS: B. R. LEMAR, meter serviceman; R. H. MARTIN, commercial sales representative. 5 YEARS: R. E. JOHNSON, pre-audit clerk.

PHILIP SPORN PLANT—15 YEARS: WILLIAM F. FRY, maintenance man; CECIL A. SMITH, master maintenance man.

PULASKI DIVISION—20 YEARS: PAUL T. GRESS, commercial sales representative; BRUCE B. MCCALL, division commercial manager; CLINTON N. ROBINSON, heating and builder sales representative.

ROANOKE DIVISION—20 YEARS: R. E. BARKLEY, general utility man; C. E. MOORE, commercial sales engineer. 15 YEARS: DIANA K. BOHON, stenographer; J. M. BURNETT, division commercial manager.

SYSTEM—30 YEARS: J. A. EBELING, system supervising engineer. 25 YEARS: E. W. WOODY, system distribution engineer. 20 YEARS: E. J. CLOUSER, JR., purchasing and stores assistant; HELEN E. OVERSTREET, work order cost clerk; J. F. WILSON, JR., properties representative. 15 YEARS: W. S. WOOD, system senior relay engineer. 10 YEARS: R. W. SHEAFF, system meterman; W. E. MCCALLISTER, system station man.

### Kentucky Power Company

ASHLAND DIVISION—25 YEARS: FERN GESLING, assistant payroll supervisor. 20 YEARS: WALTER VENTERS, meter serviceman; WILLIE C. CONLEY, lineman; CARL HOPSON, engineering aide. 15 YEARS: JOHN T. CORNETTE, lineman. 10 YEARS: JARRITT MULLINS, janitor.

BIG SANDY PLANT—15 YEARS: WILLIAM L. VARNNEY, yard foreman; LESTER J. McELWEE, operating foreman. 10 YEARS: GARY W. MILLER, maintenance man.

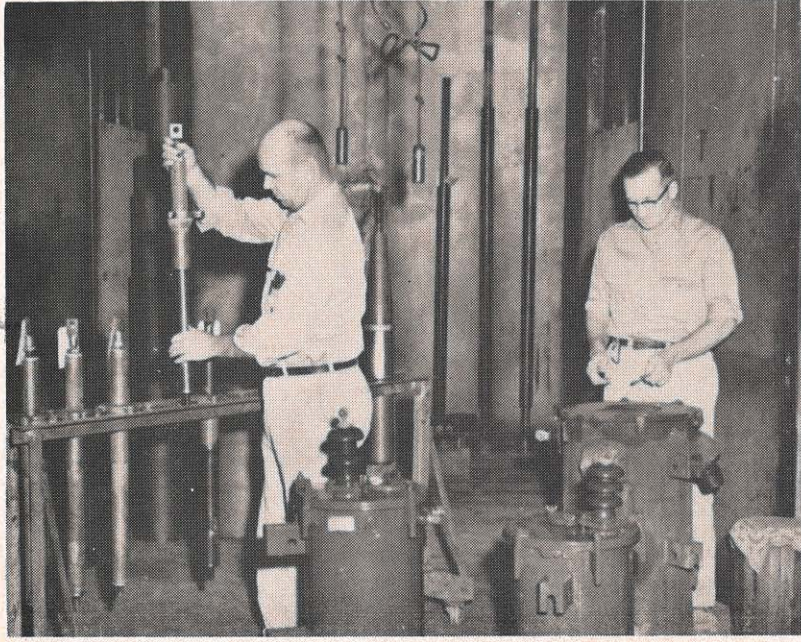
HAZARD DIVISION—20 YEARS: CRUSOE HOLLIDAY, groundman; EARNEST PENNINGTON, lineman; C. B. CORNETT, rural and residential sales advisor. 15 YEARS: LEWIS F. CRAFT, area sales representative. 10 YEARS: CLYDIA COMBS, cashier.

PIKEVILLE DIVISION—20 YEARS: JESSE COLLIER, working foreman; CHARLES CAMPBELL, serviceman.

### Kingsport Power Company

15 YEARS: WAYNE MATTHEWS, collector; J. R. MURDOCK, stationman helper. 5 YEARS: CARL S. BACON, heating and builder sales representative.

## Transformer Shop



The Bluefield transformer shop, located in the Bluefield service building, has for its "customers" all divisions of Appalachian plus Kentucky Power and Kingsport Power. A large part of the work is done on 138-kv transformers, bushings and oil breakers, and includes not only repairs but modernizing and up-grading of equipment as well. The shop contains a huge electric bake oven where water-soaked transformer windings and bushings are baked for days at a time, until all moisture is eliminated. The work is done by Howard Kidd, right, and Garlin Hill, Jr. Both are station men.



### Appalachian Power Company

#### Abingdon Division

E. L. MULLENS from groundman to lineman helper.

#### Bluefield Division

LYDIA J. BEARRE from merchandise bookkeeper, senior, Bluefield, to pre-audit clerk, Welch; BOBBY S. HYLTON from lineman B to lineman A; WILLIAM A. PERDUE from meter reader to merchandise bookkeeper, senior.

#### Cabin Creek Plant

D. E. JOHNSON from shift supervisor to supervisor of operations; A. R. LIVELY from assistant shift supervisor to shift supervisor; E. Q. MCGRAW from transformer maintenance helper to transformer maintenance man.

#### Logan-Williamson Division

HENRY D. HATFIELD from head material clerk to assistant stores supervisor; JOE E. HATFIELD from lineman A to line foreman.

#### Lynchburg Division

F. E. AUSTIN from lineman helper to lineman C; DOTTIE SUE GIBSON from clerk-trainee to clerk typist; A. R. HODGES, JR., from engineering aide to residential heating salesman; ANNA LACKEY from stenographer to secretarial-stenographer; J. K. REID from engineering aide to engineer B; KENNETH T. TRIPLETT from truck driver-groundman to engineering aide.

#### Pulaski Division

C. W. ALLEY from meter serviceman A to area serviceman; JOHNNY R. KIDD from lineman B to lineman A; HENRY L. MOREHEAD from engineering aide to line inspector; RICHARD D. TICKLE from lineman B to lineman A; C. H. WIRT from lineman B to lineman A.

#### Roanoke Division

T. M. BERKHEAD from janitor to lineman helper; O. B. GILLESPIE from lineman A to general serviceman; RUTH M. HALL from clerk-stenographer, Lynchburg, to contract clerk, Roanoke; F. G. LLOYD from lineman A to line foreman.

#### Philip Sporn Plant

CHARLES R. ALLENSWORTH from laborer to utility man A; DELMAR D. ALEXANDER from laborer to utility man A; DENNIS T. BRILES from laborer to utility man A; ARCHIE J. BROWNING from laborer to utility man A; LAWRENCE G. CLARK from laborer to utility man A; RUSSEL E. FEW from laborer to utility man A; FRANK H. FITCH from laborer to utility man A; CARL J. GIBBS from helper to junior maintenance man; ROBERT W. GORE from laborer to utility man A; GEORGE H. HESSON from laborer to utility man A; PAUL F. MARR from laborer to utility man A; DWIGHT C. OLIVER from laborer to utility man A; RICHARD J. POULIN from laborer to utility man A; WILLIAM L. POWELL from laborer to utility man A; CHARLES W. ROUSH from laborer to utility man A; GEORGE R. MOODY from laborer to utility man A; CHARLES R. STONE from laborer to utility man A; CHARLES L. SULLIVAN from laborer to utility man A; JOHN W. TAYLOR, JR., from laborer to utility man A; KENNETH E. MATSON from laborer to utility man A.

#### System

I. R. GOINS from system station operator B to regional dispatcher; W. A. HADDAD, regional dispatcher, from Kanawha Station to operations control center, Roanoke; M. K. HAYNES from system station operator B to regional dispatcher.

### Kentucky Power Company

#### Pikeville Division

TILDEN JUSTICE from serviceman to PBX operator, senior.

### Kingsport Power Company

EDWIN E. BROOKS from lineman C to lineman B.

## Modern House Goes—Naturally—Electric

The boldest house, architecturally speaking, ever built in the Huntington area, is now nearing completion; and being as contemporary as moon travel, it's all-electric.

It's the home of Charles Dean, president of Blacktop Industries, Inc., of Kenova, and it sits on a ridge from which he can see two rivers and three states. The design is dominated by four towers, which makes the house virtually circular, and it was this concept that caused Carl Philips, the heating and builder sales representative in Huntington, much head-scratching when the time came to figure out the heating installation.

#### All Kinds

Baseboard heating was out, because of the curving walls. So ceiling cable was specified. But there were places where, because of diverse ceiling arrangements, this would have been insufficient. When that happened, other methods were used. For example, in odd spaces, wall-mounted, fan-driven heaters were installed. And three through-the-wall heat pumps were installed to supplement the heating and to provide cooling in various zones.

#### Tower Kitchen

Inside the largest tower is the kitchen, and has in the center of the roof a circular skydome. Curved cabinets were designed for this room to surround the work area efficiently and an electronic oven was installed. A personalized sauna bath was installed in another tower, and a conventional master bath is in another. This also has a skydome, and no other windows. The fourth tower is the so-called Great Hall, used for entertainment. A large family room, a den, another conventional bath and storage room are in the lower level, and three large bedrooms, dining room, another bath, large hall, study, and living room are on the upper level. Connecting the two levels is a cantilevered staircase.

Structurally the walls are principally stone inside and out, and glass. On the lower level, glass doors lead to two tiled patios and to the extensive carport. Above the carport is another patio and an observation platform.



Startling and memorable are the words that describe the new Charles Dean house being built near Huntington. The house, all-electric, has four circular towers, and is built on a ridge that commands a view of two rivers and three states.

## Sporn Plant Employee Leads Quarterly W-S Ideas Report

Philip Sporn plant's R. E. Herndon, with six proposals, and the plant itself, with 14, paced all company locations in the Work Simplification program during the three months' period August-October. This period yielded a total of 77 processed ideas, which brought the total for the first ten months of the year to 249.

Other Sporn plant employees with accepted proposals included Claire Blackwood, Oscar Leonard, W. R. Hays, Marvin T. Roush, Paul Taylor, John E. Ord, and B. R. Vance.

From Clinch River came the next highest number of proposals, 12. N. R. Crumbaker and Eli Buskirk each contributed two, and the others came from George Abshire, H. G. Gillespie, J. H. Jessee, B. D. Myers, Lloyd P. McFarland, W. A. Griswold, T. E. Peay, and J. H. Puckett.

#### Other Plants

Cabin Creek: M. L. Lewis.  
Glen Lyn: J. A. Johnston, C. L. Spangler (4), and J. H. Oxley.  
Kanawha River: A. F. Hanning, R. W. Marchal, C. T. Brooks, W. F. Sampson, Earl Adkins (2), E. M. Pell, C. C. Murrill, and G. Youell.  
Radford Army Ammunition Plant: R. P. Lupold.

#### Divisions

Abingdon: O. G. Quillen, Eleanor W. Honaker, T. G. Brabson, and Allen Herr.  
Bluefield: M. E. Rich.  
Charleston: C. A. Marshall, Paris Hatcher, and Elmer F. Wright.  
Huntington: J. R. Crump, Oscar Fowler, J. O. Triplett, and J. B. Bartholomew.  
Logan-Williamson: E. M. Jeffrey, Mary Elizabeth Davis, Leonard Crum (2), C. A. Keener, and B. J. Brumfield.

Lynchburg: Anna Lackey, R. L. Hatch, E. L. Sutor.

Pulaski: Fred L. Carrico (2), O'Neal Amos, and William Hulme.

Roanoke: C. E. Smith (2), R. A. Armistead, R. E. Barkley, H. S. Mason, and R. B. Kilgore.

System Operating: R. N. McDaniel (2), Kathryn R. Weddle, J. H. Rodrian, and W. L. Young Jr. System T&D: J. H. Campbell, I. C. McCormick, and A. D. Stockton Jr. System area development: Jack Lloyd and J. R. Davenport.

For the year, through ten months, plant employees have submitted 120 of the processed 249 proposals. Divisions have contributed 110, and system departments 19. The most ideas, 40, came from Clinch River, followed by 30 from Sporn plant. Roanoke division, and Cabin Creek are tied with 22 each.

## Lebanon Juniors Go Undefeated

Lebanon produced an undefeated junior high school football team that romped through eight straight games without ever trailing an opponent.

Three sons of Clinch River Plant employees played prominent parts in the successful season. Carl Richards, Jr. was the line coach; Ernie Cook was offensive center and linebacker on defense while Luke Houchins operated at guard on offense and middle guard on defense.

Gary Garrett, brother of Clincher Harold Garrett and son of Abingdon's "Woody" Garrett, was a member of the backfield.



Mr. Evans

## Forty-Year Man Retires November 1

James W. Evans, station foreman in Huntington, retired November 1, after 41 years of service. He was first employed by the company July 9, 1924 as electrician helper. In 1928 he was promoted as electrician, worked as assistant foreman, foreman and in 1947 was promoted as station foreman.

He was born at Minden, W. Va. and attended Greenbrier Military Academy.

Mr. Evans is a member of the Foreman Managers Club, A.I.E.E., Kyova C. B. Radio Club. He attends the Second Presbyterian Church.

Mr. Evans plans to do quite a bit of traveling, gardening and some resting at his Wayne County camp. His hobby is working with mechanical equipment and he has designed quite a number of tools which he has used at home and at his camp.

## Hunting Lodge



W. M. Woodyard, maintenance man at Glen Lyn, is still working on his hunting lodge in Craig County, Virginia. Mr. Woodyard and his wife began construction of their lodge in July 1964 and at this time it is 80% completed. It's all-electric, and is 39 feet by 24 feet with 4 rooms and a bath.



Lester McElwee and Norman Leget with three of their coon hounds.

## Coon Hunters Report On Trip

Lester McElwee and Norman Leget, Big Sandy men, have come back from a five-day or rather five-night coon-hunting expedition to New York state, and declare firmly that coon-hunting there is as good as people claim.

They bagged 68 coons, 20 in one night, the culmination of a year of planning and expectations.

For a hunt as successful as this one, they say, you've got to have some big things going for you.

First you need some good dogs, and Lester and Norman have them—five experienced hunters. The best coon dogs are walker, bluetick, and redtick hounds, trained to run only coons, and equipped with a voice dedicated coon hunters can describe only as beautiful.

Then, you have to have for yourself a fondness for walking at night through briars, brush, swamps, falling over rocks, and stumbling into fences. When the two Big

Sandy men were in the field, they kept in touch with walkie-talkie radios, using their truck as a mobile station.

Finally, for a successful hunt, once you have the dogs and the hunters, you need coons. In New York, they found conditions ideal. The cornfields were cut early, and a lot of the stalks were left in the field, and there were acres of grape vineyards. Thus the two most desirable forage crops, from the coon's point of view, were plentiful. Next year, Norman and Lester will be back there, because "there's coon in them thar fields."

### Determination



A broken left arm doesn't keep five-year-old Mark Kisamore from bowling his regular schedule with the Prep League in Charleston. Tutored by his sister, Barbara Markham, who works in the Charleston office and bowls in the Kilowatt League, Mark has a regular average of 76. Wearing his cast he turned on games of 90 and 100. That's pretty good for a fellow two years younger than anyone else in the league, and with a broken arm.

## Rupert, Price Score Bowling Honors

Two individual achievements were marked up by company bowlers last month.

Harter Rupert of Cabin Creek, rolling in the Megawatt League as a member of the Slow Starters, rolled three consecutive games of 169 each. This won him an American Bowling Congress patch. Harter had a 141 average going into the night's competition. The triplicate was not his first notable score. Four years ago he bowled 102 pins over his average of 109.

Not far away, Leland Price, Charleston service foreman, converted the tough 4-6-7-10 split in Kilowatt League competition to win a Big Four patch. Just over a year ago, in the same league, Leland did the same thing. At that time Chris Mitchell, the league historian, said it was only the second time in 11 years of league competition that she had seen the split made. So now Leland has a patch to wear on each sleeve.



Champs of the first third of the Sporn plant bowling league are the Trippers: from left, John Taylor Sr., Karl Wiles, Cricket Searls, George Burns, and Charles Yeager.



Harter Rupert Leland Price

In the Kilowatt League, after 12 weeks, the Live Wires continue to hang onto first place with a 16½-9½ record. Tied for second are the Five Amps and Meteorites. Jack Jarrett's 173 is high average for the men, and Barbara Markham's 147 leads the women. High games have been rolled by Jack (231) and Chris Mitchell (187). Jennings Fulkner's 179 and Pat Cumming's 490 are highest actual pin series.

In the league's handicap division, high games go to Stan Oxley (265) and Pat Cummings (234), high series to Ranny Woodyard (706) and Pat Cummings again (661).

The Trippers won the first third of the Philip Sporn plant league, with the King Pins as runner-up. Willis Dudding's 180 is high average for the season. Sonny Haggerty had high series of 634, and Pee Wee Wright high single game of 248. The Trippers had high three games of 2,665, and King Pins high single game of 953.

Roanoke Stores hangs on to first place by one game over Local Office. Single game high in the Roanoke league belongs to Billy Poff, with 282. Meter has high team game of 962, and high individual average goes to Kenny Hern with 183.

## Plant Man Heads Education Group

A Glen Lyn man is taking a leading part in upgrading the adult education program in Monroe County.



Mr. McClagherty

and the West Virginia state governments.

Its purpose is to organize adult classes and serve with appropriate governmental agencies on vocational training, and generally to promote and publicize an increasing interest in adult education. The goal is an improvement in the social and economic structure in the county.

Mr. McClagherty has been an employee of the plant since August 1945, and has a long record of activity in church and community work. He lives in Bozoo with his wife and three children.

## Company Press Box



In Hazard, they could hardly play a football game without a number of employees who have a big part in staging the contests. Here in the press box for a Hazard Bulldogs game, are, starting at the top, A. R. Barber, who came in from the cold; Morgan Ozee who announces the games regularly; Carlen E. Byrd, scorekeeper, John Cody, spotter, and Rev. John Naegle, timekeeper, substituting for Billy Turner.

## Clinch River Bug Now Identified

Remember the unidentified flying object that caused so much puzzlement at Clinch River plant?

Well, thanks to H. R. Miller, system accounting, the mystery is solved. The critter that landed on the plant roof is a unicorn beetle, so called because of the single horn that projects from its head. Mr. Miller, whose interests include nature study, further identified the specimen as a male, and reports that its eyes are located on the lower side of its mouth. This could cause difficulty in the case of a sloppy eater.

Luther Houchins, personnel supervisor at the plant, has installed the beetle—dead—in a plant in his office, and reports that more than one visitor has been unsettled by the sight of those eyes staring at him.

## First Day Bag



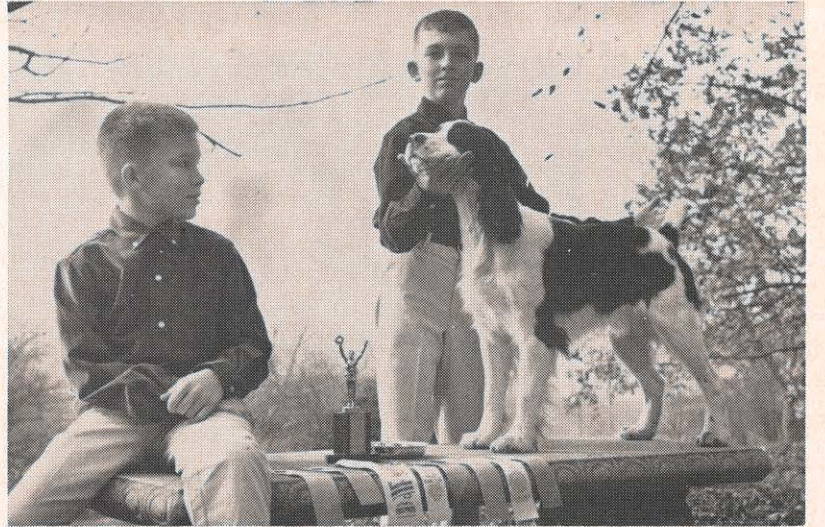
Glen Lyn hunters didn't waste any time when hunting season got underway. Going out on opening day and coming back same day with their deer were, left, C. S. Davis, unit foreman, and right, O. J. Whittaker and B. A. Clemons, with the eight point buck they shot.

## Golf Champs



The first organized season of Huntingdon's Golf League has ended, and trophies awarded. First place was won by the team from left, Dick Smith, Mel Wilson Jr., Lawson Bailey, and Ed Yeager. Second place went to Paul Baker, Bill Chapman, Ted Smith, and Woody Holbrook.

## Boys and Dog



Boys and their dog always make a good picture, but when the dog is a prize winner—that adds something to it. Here are Bruce, left, and Keith Hutcheson with Vajax Paddy O'Shea—known as Duff to his familiars. Duff won two ribbons, a medal, and a dish in a dog show in Charleston in November, and blue ribbons in three other shows earlier in the year. Keith also won a ribbon for first place in junior showmanship. The boys are the sons of H. H. Hutcheson, Charleston division residential and rural sales supervisor.

# Future Is Theme Of 1965 Management Meeting

A good hard look into the future—where we're going—seemed to be the underlying theme for the 18th annual American Electric Power System Management Meeting in Roanoke last month.

Donald C. Cook, president of AEP and our companies, set the pace in his opening message and speakers who followed throughout the four-day session carried on, telling of prospects and plans in generation, transmission, distribution, system operation, area development, public relations, and the sale of our product.

## Farmer Promoted To New Position

S. J. Farmer, Jr., has been promoted to customer accounts supervisor in Beckley, succeeding B. H. White, Jr., who retired recently. The promotion was effective November 1, 1965.



Mr. Farmer

Mr. Farmer was first employed by the company on May 14, 1956 as an auto repairman helper in the transportation department. On September 24, 1956 he was promoted to meter reader and transferred to the accounting department. He worked subsequently as general clerk, local office supervisor, head meter reader, and utility clerk. He remained in this position until his recent promotion.

He was born in 1927 at Mullens, West Virginia. He is a graduate of Morris Harvey College with a degree in business administration. Prior to coming to work for the company he was employed by the West Virginia Turnpike Commission in Beckley.

He is married and is the father of four daughters.

It was the longest meeting in the 19-year history of the annual event and the first to incorporate an extensive field trip in its program. On November 10, the 315 management members visited the 440,000-kilowatt Smith Mountain pumped-storage and hydro-electric development on the Roanoke River approximately 55 miles southeast of Roanoke. The trip was made in nine chartered buses.

President Cook's opening address to the management members seemed to underline the validity of the yardstick of electric power sales as a measure of the economy of the seven-state area served by the AEP System and perhaps of the United States as a whole.

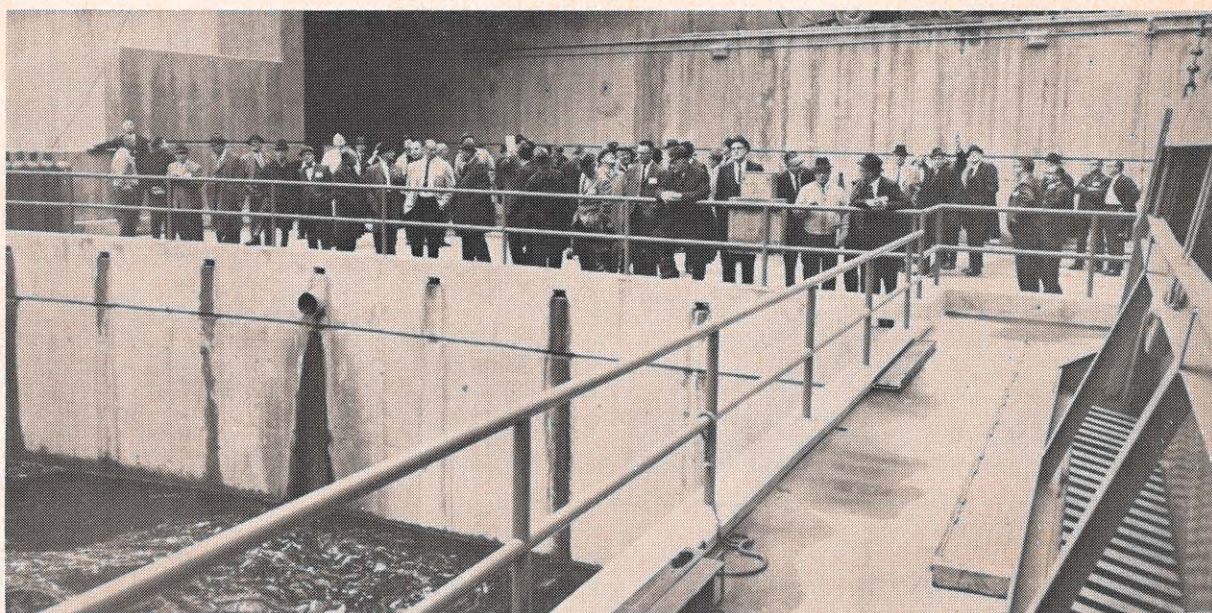
### Notable Growth

He drew a parallel between AEP's 1965 electric power sales to industrial and commercial customers and the favorable economic conditions being experienced throughout the nation. "The AEP System's growth is notable," he said, "not only because of the significant increases in new power loads but because of the wide variety and dispersion of these loads across the System."

He pointed out that unemployment levels throughout the System were "as low as at any time within the last 10 or more years," and indicated that, in some cases, the available supply of labor—particularly skilled personnel—was so limited that "our area development people are experiencing some difficulty in bringing new companies into certain parts of our territory." He added that the creation or expansion of trade and technical schools would help to alleviate this condition.

### Industrial Sales

Mr. Cook said that sales of energy to industry in 1965 were expected to total almost 22-billion kilowatt-hours—an increase of about 8.5 per cent over 1964 and well above the compound growth rate of seven per cent experienced over the past ten years. Commercial sales, he continued, were expected to go up even more this year, reaching perhaps 8.6 per cent or slightly above the decade's pattern



During the course of the recent Management Meeting in Roanoke, a tour of the Smith Mountain dam was included in the program. Here some attendees stare up at the huge structure, and some watch the turbulence in the water caused by the discharge of water in generation by Unit 1.

of 8.5 per cent.

In the residential sales field, Mr. Cook forecast that the average home served by AEP System companies would use 5,475 kwh in 1965. This compares with 5,188 kwh used in 1964, which in turn was substantially higher than the national average of 4,416 kwh among all investor-owned utilities.

Mr. Cook also revealed that "very nearly 50 per cent of the new homes and apartments constructed on the System this year are electrically heated" and that all-electric new home installations were running about 29 per cent ahead of 1964.

Mr. Cook cited air conditioning particularly as important to the

AEP System's growth in the immediate future. He estimated that it represented close to 10 per cent of the System peak load of 6,863,000 kilowatts established last August.

The sum total of all 1965 sales results, Cook predicted, would result in operating revenues of \$443-million this year, an increase of 5.8 per cent over 1964.

## Wood Plant Selects Princeton

West Virginia's natural resources have attracted another industry to the state, and this time it's wood, not coal.

Ground was broken last month to signal start of construction of the Dean Company's \$1-million wood veneer plant in Princeton, next door to Appalachian's Project Decision building.

Taking part in the tradition ceremonies attached to ground

breaking were Fielding Lewis, of the West Virginia State Department of Commerce, Jack Lloyd, Appalachian's area development director, whose department worked closely with the company in arranging its location in Princeton, T. J. Connelly, president of Dean, and Thomas Dean, former president.

Dean Company has plants on both coasts, and manufactures wood veneer and related products primarily for the furniture industry. The Princeton plant will have 87,700 square feet of space, containing a warehouse, mill, offices, and sales room. The building is on a 20-acre site.

In recent years much attention has been paid to the development of the wood and lumber industry in West Virginia. The state's resources in this commodity are said by many to be almost the equal of its wealth underground. State and Federal agencies are presently working in a series of programs to develop, effectively utilize, and conserve West Virginia's wood resources.

The Princeton plant's location was financed in part by local banks, the West Virginia Industrial Foundation, and the Bluefield-Princeton Industrial Foundation.



Mr. Hopkins

## G. R. Hopkins Dies Of Injuries

Grim R. Hopkins, coal handling foreman at the Radford Ordnance steam plant, died November 14 from injuries sustained in an automobile accident November 6.

Mr. Hopkins, 58, joined the company 16 years ago, and had spent all of that service in the Radford plant. He is a native of Parrott, Va., and made his home there.

## 13-Year-Old Visitor

### Sounds, Size Of Plant Impress Boy On Tour

What does a power plant look like?

To a pipefitter, it's a challenge. To a tax-assessor, it's a gift from heaven. To a miner, it's a market. To a 13-year-old boy, it's—gee, whiz.

Bobby Walton, the 13-year-old son of R. H. Walton Jr., Glen Lynn plant's maintenance supervisor, was taken on a tour of the plant by his father recently, and these are his comments.

"Since I am planning to attend college and become an engineer, I thought I would take a look at my father's job and some of the machines which he keeps working.

"As we entered the huge plant, we heard the sounds of turbine

turning, of coal being ground, of water being pumped, and many other noises.

"The first place I visited was a room with all kinds of graphs and gauges. Some told temperature, some pressure, and others told vacuum. I was told what each did and what it showed.

"Next I went to see a coal feeder which feeds coal to the mills or pulverizers where it is ground in particles as fine as powder. After it is ground it is piped into the boiler to be burned.

"Next I was taken down into the basement and shown the mills where the coal is ground. Each mill has many tons of steel balls which crush the coal into fine particles. I also saw the condenser where the steam

is turned back into water. In the condenser are 8,000 tubes filled with river water. I was told that the same water is used over and over again.

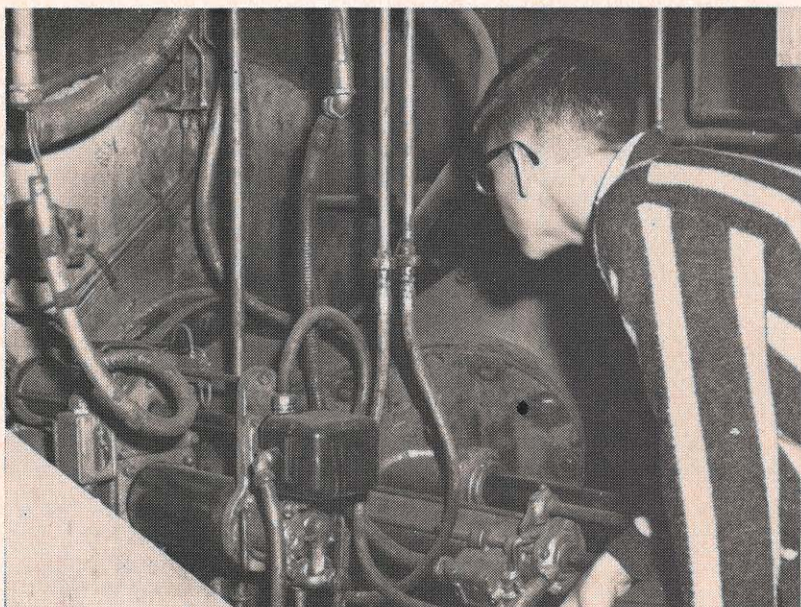
"I was taken to a boiler and was allowed to look inside and see the bright blazes of the coal burning. The heat from the burning coal turns the water into steam which is piped to turbines which turn the generator. I was taken and shown the ash dump in the bottom of the boiler. Here a gate is opened and the ashes and water flow into a ditch where they are washed out to ponds where they are stored.

"I saw the turbine and the valves where the steam is regulated. I was taken into an office where I saw pictures of the inside of a turbine.

"We saw different types of fire-fighting equipment which is all painted red. It varied from sand for oil fires to CO<sub>2</sub> extinguisher for wood and other type fires. Then we came into another room which had a board with switches which had bells in them which rang if anything was wrong. It had different type cameras watching the water level in the boilers. It also had different gauges and switches in it.

"We visited the place where the transformers and switches are located. We went inside a building where we saw different type gauges which told whether the current was coming in or flowing out and how much current was flowing in either direction.

"I had often wondered how much machinery was used to make electricity, but I now know it takes hundreds of tons. I have tried to give you a description of the machines and functions they perform. I saw only a small part of all the machines but I hope to have a better understanding of the way in which electricity is made and of some of the important objects which you must have to make it."



Bobby observes the flame in the boiler through the burner observation port.

## Safety Award



Appalachian was awarded a certificate by the Roanoke Valley Safety Council for the performance of Roanoke division employees in working more than 1½-million manhours without a disabling injury. Here D. C. Kennedy, right, receives the award from O. W. Van Cleaf, vice president, and Mrs. Alice Tice, executive secretary, both of the Council.