

Common sense is instinct,  
and enough of it is genius.  
—Shaw

# The Illuminator

None preaches better than  
the ant, and she says  
nothing.  
—Franklin

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY  
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

Vol. XV, No. 5

January, 1965

## Electric Heat Sales Up During 1964 Banner Year

Success or near success in virtually every part of the 1964 sales efforts was reported by our three companies as the year ended. Many of the sales figures represent new records, and all add up to a sensational achievement.

Here is a rundown, by company, of results during the calendar year.

**Appalachian.** Electric home heating installations not only exceeded quota for the year, but beat 1963's

best-ever figure by 23 per cent. Total number of installations during the year was 2,899 of which 2,692 were resistance heat, and 207 were heat pumps. Conversions accounted for 34 per cent of all installations during 1964.

Sales of major appliances also showed significant gains over 1963 by 16 per cent represented by a total of 45,952 units.

Ranges sold were 22,134, up 20.4 per cent; water heaters, 10,688, up 8.5 per cent; and dryers 13,130, up 14.7 per cent.

In the dusk-to-dawn light picture, a quota-busting 7326 sales were made.

### C&I Achievement

For the C&I sales as a whole, 1964 was also a bigger-than-quota year. In only one of six categories—cooking—were sales below the 1963 level. For all six, the total increase over 1963 came to more than 25 per cent. System load was increased through these sales by 67,249-kw representing estimated annual revenue of more than \$1.3-million. C&I figures cover resistance heating, heat pumps, product heating, cooking, lighting, and air conditioning sales made to non-residential customers.

**Kentucky.** Kentucky's sales year paralleled Appalachian's in terms of success. The outstanding accomplishment was the addition of 439

(Continued on Page 6)

## Nine Employees Win Top Places In Annual Operating Ideas Awards

Glen Lyn, Clinch River and Sporn plant employees have won the two first prizes, each worth \$350, in the 1964 "Operating Ideas" annual award contest.

In addition, Appalachian plant men garnered two of the four second-place prizes, worth \$200 each.

First prize in the contest went to G. L. Evans, test engineer at Glen Lyn plant, for his article, "Tests Improve Pulverizer Performance," which was published in the March issue of "Operating Ideas."

The other first-place award was taken by the team of T. D. Watson, Howard Ferguson, A. A. Nester and J. D. Hackney, all of the Clinch River plant results department. They collaborated on the article, "Air Sample Averager Saves Maintenance Time," published in November.

Another Clinch River plant man, L. C. Houchins, personnel supervisor won a \$200 second prize for his work on "Upgrading Job Skills for Today's Technology," which ran in the June issue of "Operating Ideas."

Another \$200 award was shared by R. E. Herndon, W. F. Chadwell and F. E. Titus, all of the Maintenance Department at Philip Sporn plant. This prize was for their effort, "Invents Way to Balance Exciter at High Speed," which appeared in November.

A total of \$1,700 was shared by 11 prizewinners in this year's expanded contest.

Donald C. Cook, president of American Electric Power Company and of our companies, in announcing the awards, pointed out that the number and value of awards had been expanded "to emphasize the importance of the contribution which original, constructive thinking makes to more economical operation of the System and ultimately to our customers."

The remaining second-place awards were divided by employees of Indiana & Michigan Electric Company and Ohio Power Company, and both of the \$100 third-place prizes were taken by men from I&M.

In a separate contest for the AEP Service Corporation, James R. Dane, community planner stationed in Fort Wayne, won the \$300 first-prize for "Industrial Site Data: A Tool for Growth," published in the September issue.

E. S. Zobel, head of the Transmission Section, took the \$200 second-prize with his article, "Saving Money on Transmission Line Design," published in November. "Improved Maps for Engineering and Operations," which appeared in February, won the \$100 third-prize for R. E. Kunzmann, senior distribution engineer.



Mr. Evans



Mr. Watson



Mr. Ferguson



Mr. Nester



Mr. Hackney



Mr. Houchins Mr. Herndon



Mr. Titus Mr. Chadwell

## AEP System Sets New Peak

The American Electric Power System established an all-time one hour peak of 6,239,000 kilowatts Monday, December 14, between six and seven p. m.

The peak was 219,000-kw higher than the 1963 peak of 6,020,000-kw established December 19 of that year, and 200,000-kw above the 1963 summer peak, set September 10.

In November of 1964 the peak had risen to 6,204,000-kw. The combined all-time peak of 2,160,000-kw for Appalachian and Kentucky was established between six and seven p. m. November 30.

## Roanoke Division Completes One Million Safe Manhours

For the fifth time Roanoke area employees have worked one million consecutive manhours without a disabling injury. The latest mark was reached in the middle of the afternoon of December 29, continuing the performance begun July 20, 1963.

In reaching the million manhour mark the Roanoke division employees became eligible for the Edison Electric Institute safety achievement award. There are 344 employees in the division.

No other operating unit of Appalachian approaches the Roanoke

record of five million-manhour safety performances.

To add a touch of ceremony to the occasion, D. C. Kennedy, division manager, mounted a bucket truck and was carried aloft to daub the last bit of paint on a rocket used to indicate the division's safety progress. In an impromptu talk before a group of employees who had assembled to watch the ceremony, Mr. Kennedy congratulated them on their achievement and urged them to set a new goal of two million manhours.



D. C. Kennedy, in the bucket, puts the finishing touches on the Roanoke division safety scoreboard at Walnut Avenue that shows one million consecutive manhours worked in the division without a disabling injury. The string started July 20, 1963; this is the fifth time Roanoke area employees have attained that mark.

## Second Rate Reduction In Year Asked By Kentucky

Kentucky Power Company has filed with the Kentucky Public Service Commission in Frankfort, for permission to reduce its electric rates by an estimated \$217,000 per year.

The proposed new rates would be effective on meters read on and after January 1.

The latest reduction would bring to nearly \$500,000 the total of rate decreases put into effect by Kentucky Power during the past 10 months. Last April, the company instituted a rate decrease that amounted to savings—mainly to its industrial customers—of \$240,000.

F. M. Baker, vice president and

general manager of Kentucky Power, in announcing the rate action, said the decreases would apply primarily to the power company's residential, school, commercial and small industrial customers.

"These rate reductions have been made possible by the decrease in Federal income tax rates and also by the rising use of electricity as the single energy source in Kentucky Power's service area," Baker said. "They are further proof of our determination to render the best possible electric service at the lowest possible cost, and to lower those costs still further whenever opportunities arise."

## Houchins, Ferguson Repeat As Winners

Two of 1964's Operating Ideas Awards winners, Howard Ferguson and Luther Houchins, also won cash prizes in 1963 competition.

Mr. Ferguson took second prize and Mr. Houchins fifth for their ideas that year.

Both are located in Clinch River plant, whose employees are frequent contributors to the Operating Ideas program.

# The Illuminator

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## Our Job

In 1934 George Tidd, then president of American Gas & Electric Company, testified before a Congressional Committee. In the course of his testimony he enunciated the philosophy which guided the company then. Nothing has changed. It still is the philosophy by which we operate.

Every year about this time, Tidd's statement appears in newspapers around the system as our reaffirmation to the public of our understanding of our job. We consider it to be not only our pledge to the public, but the personal creed of each employee.

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

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

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

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

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

By EEI Chief

## Trillion KWH Output Predicted For '65

In 1965, for the first time in history, production of electric energy by the electric utility industry of the United States will exceed one-trillion kilowatthours.

Walker L. Cislir, president of Edison Electric Institute and board chairman of Detroit Edison Company, made this forecast in EEI's annual year-end industry review.

Production of electric power is expected to reach 1.04-trillion kwh in 1965, or about 5.7 per cent above 1964, Cislir reported. The 1964 figure of 987.8-billion kwh in turn was 7 per cent better than 1963 generation. (Actually, with the addition of facilities not contributing to the public supply—such as railroad and industrial generation—total U. S. power generation in 1964 was 1.08-trillion kwh.)

For the total electric utility industry, generating capability by the end of 1965 is expected to reach 234.5-million kilowatts, an increase of 5.7 per cent over 1964. This will include 9.3-million kw of generating capacity—including the world's first million-kw generating unit—to be installed in 1965 by the nation's investor-owned electric companies.

Expenditures for new construction during 1965 by the investor-owned utilities are expected to reach the record level of \$3.9-billion, which would raise to \$61-billion their total investment in electric facilities.

In 1964, the electric utility industry set other new records and registered a number of significant achievements, highlighted by:

- An all-time mark of 60.8-million kw of new generating equipment on order or scheduled for operation—more than total capacity in service in 1948.
- Plans for a number of interconnection and power pooling projects, including the largest in the world.
- Continued emphasis on research and development in such fields as extra-high-voltage direct-current transmission, direct energy-conversion methods, and an improved rechargeable battery system for powering vehicles.

Generating facilities in the U. S. form the world's mightiest power supply, according to Cislir. Total capacity in the country, including both the utility industry and private generation, was 239.6-million kw at the end of 1964. This is approximately 137.6-million kw more than the total capacity in runner-up Russia. About 167.1-million kw of this capability—or almost 70 per cent—is owned by investor-owned companies.

Nearly all of the nation's major electric power systems, those providing 97 per cent of the country's power supply, are members of one of several major interconnected groups. Largest of these groups (which includes the American Electric Power System) operates in 39 states from the Atlantic to the Rockies and from the Gulf of Mexico into Canada. As of last year, the U. S. portion of this group had an estimated combined generating capability of nearly 162-million kw—about equal to that of the six European Common Market nations and about 50 per cent more than that of Russia.

During 1964, utilities in various parts of the nation announced major programs for the coordination of power supply. Among these were plans for the world's two largest regional power pooling networks: MAIN and WEST.

MAIN (Mid-American Interpool Network) was announced in November. Its members, including the AEP System, serve more than 7.5-million customers in 10 states. Altogether they have a total generating capacity of about 27-million kw, a figure that by 1980 is expected to reach 80-million kw.

WEST (Western Energy Supply and Transmission Associates) is a group of 10 investor-owned electric companies. Their 20-year, \$10.5-billion program encompassing parts of nine southwestern states calls for construction of some 36-million kw of capacity and an extra-high-voltage transmission network interconnecting the members.

Indications are that 1964 was an outstanding year for electric power sales. An estimated 890-billion kwh were sold by the entire industry, an increase of 7.1 per cent over 1963, to about 64.2-million customers. Of these, about 50.4-million were served by the investor-owned part of the industry.

The average use of electricity in the home reached a record high of 4,677 kwh in 1964, up 235 kwh from 1963. At the same time, the average price per kwh of residential service reached a record low of 2.31¢, down from 2.37¢ the previous year. (AEP System figures for 1964 are estimated to be in the neighborhood of 5,170 kwh and 2.07¢.)

Taxes—Federal, state and local—paid by investor-owned companies continued to rise in 1964. They expect to have a 1964 tax bill of \$2.79-billion, about \$94-million greater than in 1963. About 23¢ of every dollar received by these companies is earmarked for taxes.

## Winter Calls For Better Driving Habits

Don't drive in January as you do in May. There are more driving blunders made in winter weather because drivers fail to adjust to driving and thinking habits changing conditions brought on by the cold, snow and ice.

Use a commercial spray de-icer rather than home remedies to prevent windshield icing and fogging. If your car has windshield washers, keep the reservoir filled with the recommended solution, not plain water.

Never drive with parking lights instead of headlights in winter's early dusk and poor visibility. Parking lights can cause an oncoming driver to think you are farther away than you are.

Keep tires at recommended pressure. Letting air out of today's low-pressure tires doesn't help, and it increases wear.

It's a good idea to carry sharp sand in case you get stuck, but added weight in the trunk will only make steering tricky and make big



F. E. Wolfe, collector in Point Pleasant, checks his tires for wear and pressure—a safe driving habit for wet roads.

skids out of little ones. Traction is increased so little it isn't worth the risk. Start in second gear if you have standard transmission; it gives less force at the wheels and therefore less spin.

Learn where the temperature traps are. Ice and snow remain longer in shady areas and on bridges. Remember, ice and snow are twice as slippery at 30 degrees as they are at zero.

### Ice A Factor

It takes longer to stop a car on ice, even with chains. Avoid a sliding crash into the vehicle in front of you by increasing your following distance in winter weather. The car ahead may make a sudden stop on dry pavement, and you could find yourself trying to stop on a patch of ice. Pump the brakes when you have to stop or slow down. Slamming on the brakes can cause you to lose control. To pump brakes properly, press and release the brake pedal once or twice a second. The pumping action lets wheels roll for steering control and helps prevent skids. If you begin to skid, turn the wheel in the direction the rear end is sliding. As soon as the car begins to straighten out, straighten the front wheels.

Slow down before you reach intersections. Anticipate turns or speed changes and make them slowly and gradually. Use smaller steering corrections more often.

When approaching hills get up enough momentum to reach the top. Slow down at the crest and watch out for stalled vehicles on the downgrade.

Check these safety items before the snow flies:

1. BRAKES: have them equalized. You need balanced braking in slippery weather.
2. MUFFLER: odorless fumes from a faulty muffler or tailpipe can kill. Drive with a window partly open.
3. WINDSHIELD: live wiper blades, proper arm tension, and a working defroster are winter-time musts.
4. LIGHTS: headlights, tail lights, brake lights, and directional signals should be checked—and kept clean.
5. TIRES: should have enough tread to bite into snow. Snow tires give better traction.
6. CHAINS: reinforced tire chains are best for severe winter conditions.

## New Mine To Boost Economy

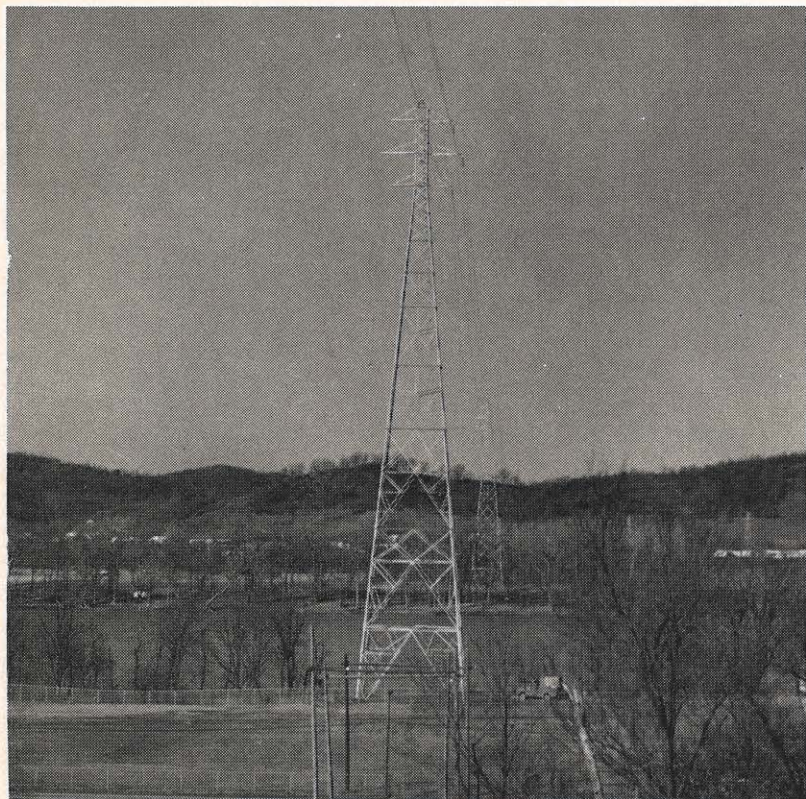
Plans have been announced for opening a new coal mine in Pike County, that will boost eastern Kentucky's economy. Governor E. T. Breathitt said the mining company indicated its initial investment in the new operation, the Kencar mine, would top \$3-million. The announcement said about 175 men will be employed at first at the mine and its nearby coal preparation plant, with 300 to be employed eventually.

The Norfolk and Western Railway has approved spending \$3.8 million to build an 8.5-mile rail line between Freeburn and Coleman, to serve the new mine. The line for the million-ton-a-year mine is expected to be ready late in 1965, about the same time the coal preparation plant is scheduled for use.



### System First

First of its type in the Appalachian system is this 14-ton, factory-assembled, heat pump unit, containing all the components needed for simultaneous heating and cooling. The unit, being installed in a new 21,543 square foot addition to Roanoke's First Presbyterian Church, is eight feet across, ten feet high, and 20 feet long. Only a few plumbing and electrical connections are necessary to make the unit operational on a ground level base or on the roof, saving space inside the building.



## Across The River

Building power lines across rivers is fairly common, but it isn't every day that a line spans a river as wide as the Ohio River. Crossing the 3/4-mile-wide river is a newly completed line connecting Darrah station in Huntington with the Sporn South line. In stringing the line, a power boat crossed the river towing a nylon rope, which was attached to a heavier cable, in turn connected to the conductor. The line was winched into position atop the 249-foot-high towers; the one in the foreground is Appalachian's, the tower across the river belongs to Ohio Power Company.

## Abingdon Wins D-D Derby; All Entries Exceed Quota

It's all over but the congratulations in Appalachian's big dusk-to-dawn sweepstakes derby. Abingdon was declared the winner by compiling the highest derby place point total in the six-month competition, nosing out Logan-Williamson in the December race.

Final statistics placed the eight derby entrants in this order: Abingdon, 42 derby place points; Logan-Williamson, 37; Bluefield, 35; Huntington, 30; Roanoke, 23; Lynchburg, 20; Pulaski, 12; and Charleston, 17.

### Final Spurt

A strong effort by Abingdon in the final month of the derby put the division over the top. With a quota of 40 dusk-to-dawn lights to sell during the month, Abingdon installed 126, for a whopping 315 per cent of its December quota. Logan-Williamson, close behind, sold 310 per cent of its December quota.

## Glen Lyn Retiree Dies After Illness



Mr. Thompson

Grover C. Thompson, 72, retired employee of the Glen Lyn plant, died December 12 in Pearisburg, following a long illness.

Mr. Thompson retired in 1957 as unit foreman after completing 31 years of service with the company.

He is survived by his widow and three daughters.

Funeral services were held at First Christian Church in Narrows, and burial was at Birchlawn Cemetery, Pearisburg.

A total of 4,663 dusk-to-dawn lights were installed during the July through December race, 1,403 more than the six-month total quota for all eight divisions. In fact, all eight divisions finished the derby with more than 100 per cent of their cumulative quotas.

### Over Quota

Logan-Williamson hit 191 per cent of its quota for the six months; Abingdon, 186 per cent; Bluefield, 182 per cent; Huntington, 155 per cent; Roanoke, 131 per cent; Lynchburg, 128 per cent; Pulaski, 112 per cent; and Charleston, 111 per cent of its quota over the six month period. Even though Charleston was eighth in percentage standings, the division installed 917 dusk-to-dawn lights during the race, more than in any other division. All eight entrants worked hard in the keen competition, and can be proud of the company's load increase.

During the race each of Appalachian's eight divisions was listed as an entrant in the sweepstakes derby, which consisted of six monthly derbies. The division that went over its monthly quota by the greatest percentage was named winner for the month. At the end of the race, the entrant with the highest accumulation of points was the sweepstakes winner.

Abingdon, as the derby winner, plans a victory banquet. Every employee having at least one dusk-to-dawn light installation to his credit will attend the dinner.

## D-D Sales Found In Unlikely Spot

The phrase, "selling all the time," certainly fits Roy A. Tibbs, commercial sales engineer at Lynchburg. He recently was involved in an auto accident and was taken to the hospital for precautionary tests.

As he was being wheeled into the X-ray room Mr. Tibbs apparently struck up a conversation with some people nearby. A fellow employee, who saw the accident and went with Mr. Tibbs to the hospital, asked if there was anything he could do.

"Go to the office and get me two dusk-to-dawn contracts," Mr. Tibbs replied, "these people need two lights." Before being discharged later that day, Mr. Tibbs made two sales.

## Honor Society Picks AEP Man As "Outstanding"

Paul Dragoumis, head of the AEP Service Corporation's Nuclear Section, has been selected as one of the three "outstanding young electrical engineers of 1964" by Eta Kappa Nu, the national honorary engineering fraternity.



Mr. Dragoumis

Dragoumis has been particularly active in several fields of electric generation research and development. He will receive his award March 25 at a banquet sponsored by Eta Kappa Nu at the Belmont Plaza Hotel, New York.

He joined the Service Corporation in 1956 upon his graduation from Brooklyn Polytechnic Institute, where he received a bachelor of science degree in electrical engineering. Less than two years later, he was selected to attend a one-year course in post-graduate nuclear engineering at the Atomic Energy Commission's International School of Nuclear Science and Engineering.

### At Oak Ridge

In 1960, Dragoumis worked at the Oak Ridge National Laboratory on determining the effects of neutron radiation on the metal beryllium. Returning to the Service Corporation in 1961, he became liaison engineer between Avco Corporation and 12 electric utilities in the development of magneto-hydrodynamics (MHD) for the commercial generation of electricity.

At the same time, Dragoumis held responsibilities on a major project of the East Central Nuclear Group, which includes a number of AEP System companies. In this connection, Dragoumis worked on the development of techniques for the fabrication of beryllium tubing as cladding for nuclear reactor fuels. He also co-authored an authoritative paper discussing the effect on the utility industry of a switch-over from government-owned to privately-owned nuclear fuels.

Dragoumis was named head of the Service Corporation's Nuclear Engineering Section in 1963, and, shortly afterward, was appointed research and development manager of the East Central Nuclear Group.



Mr. McDaniel



Mr. Hagaman



Mr. Pennington



Mr. Ratliff

## Three Plants, One Division Represented In "Ideas" Issue

The December issue of *Operating Ideas* carried articles on improving cold weather engine performance, locating heat losses in plant units, a timesaver for station metering, and a way of detecting oil pressure losses on coal pulverizers. Three of the ideas came from plants, the other from a division.

The problem of getting engines started in cold weather has been eliminated at Philip Sporn plant by the installation of special battery chargers and hot-start heaters on motorized yard equipment. E. H. Gloss, assistant plant manager, wrote that the battery charging setup consists of wiring special chargers to conveniently located multiple outlet boxes. The equipment operators are responsible for keeping batteries charged at all times. To solve the problem of cold engine blocks, each machine has hot start electric immersion heaters. These innovations, it is estimated, saved at least 300 man hours at Sporn plant in 1963.



Mr. Gloss

can be quickly related to the temperature effects of different equipment conditions, thereby guiding the operator more quickly to the equipment causing the damage. Mr. McDaniel estimates the new method has saved at least 100 man-hours a year in checking equipment by hit-or-miss methods, and the early detection of faulty valves has helped in reducing maintenance by preventing major repairs.

H. P. Hagaman, senior station engineer at Huntington, wrote about a newly-designed recording system for checking load surveys and for detecting low power-factor conditions on distribution feeders and station transformer banks. The chief advantages of the metering package are that it is easily transported, convenient to use, and that it fills a long standing need for a simple, inexpensive means of obtaining a chart record of kilowatts, reactive kilovolts, and power factor for load surveys on both single and three-phase circuits.

The fourth article came from R. B. Ratliff and S. K. Pennington of Glen Lyn who wrote about a protective device that has enabled the plant to avoid serious damage to coal pulverizers, and loss of generation. In order to forestall oil pump failures, they installed pressure switches in the oil pressure gauge lines for each of the plant's five coal pulverizers. If pressure is lost, the contacts, in series with an auxiliary switch in the circuit breaker, operate an alarm on the annunciator panel.

### Locating Steam Loss

Operational procedures at Cabin Creek plant involve bringing units on and off daily, which necessitates opening and closing vent valves on traps, headers, valves, etc. W. R. McDaniel, test engineer at the plant, felt that an improved method of locating and reducing steam losses was needed for the units steam system between the boilers, turbines and auxiliary equipment. The solution was to measure the temperature by a spare recorder connected to a thermocouple in each vent stack. The amount of temperature change

## Charleston Wins Award Again

For the second year in a row the Charleston division has won the annual Illuminator Award, for the best participation in the company newspaper.

The award is based on volume of news submitted, its quality, promptness, and balance between company and employee news. A framed certificate and a \$25 cash prize go with the award. Guilford Smith and Mrs. Chris Mitchell are responsible for collecting the news out of the division, and received their award at the Christmas party December 11. John Gates is the correspondent for the Beckley area.

Finishing behind Charleston were, in order, Huntington, Lynchburg, Roanoke, and Clinch River plant. It was the first time in the history of the paper that a plant finished so high in the standings.



Mrs. Chris Mitchell and Guilford Smith examine with pleasure the 1964 Illuminator award certificate which they won on the strength of their top performance in collecting employee and company news for The Illuminator. The certificate matches one Charleston also won in 1963.



Mr. Crocker

## L. L. Crocker Dies After Long Illness

Lester L. Crocker, retired Lynchburg area serviceman, died December 3, following an illness of several months.

He had been first employed with the company on September 14, 1936, as a lineman. In January of 1940 he was promoted to assistant line foreman, and was transferred to the Lovington community as an area serviceman December 1, 1946. Because of ill health, he retired this past September.

Mr. Crocker, active in church work, was a member of the Rose Union Baptist Church near Piney River, where he served as a deacon, choir member, and as a Sunday School teacher.

He is survived by his widow, three married children, and nine grandchildren.



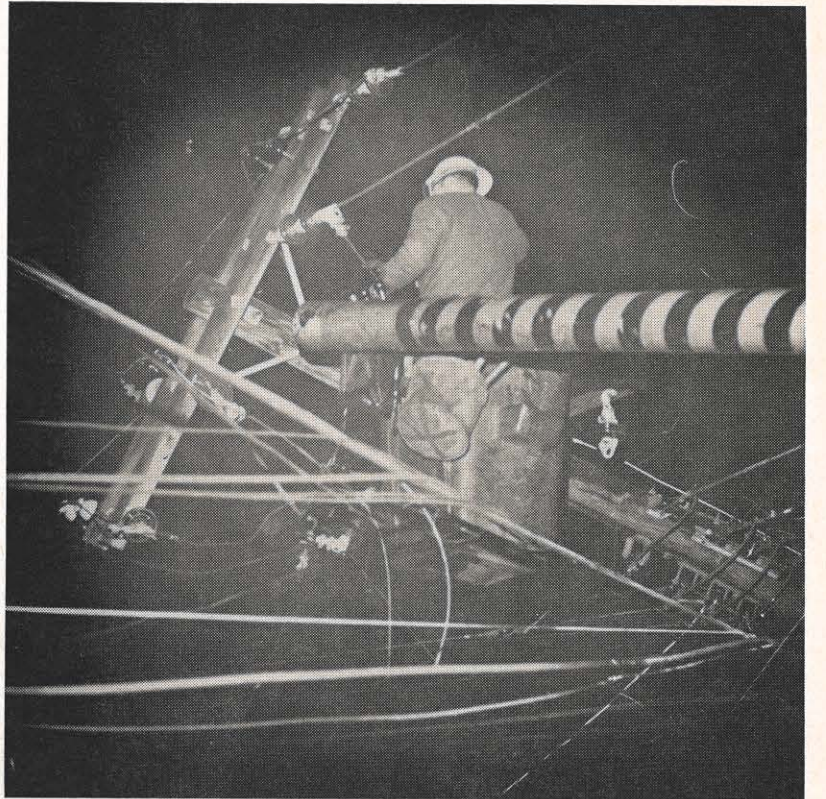
# Camera Roundup



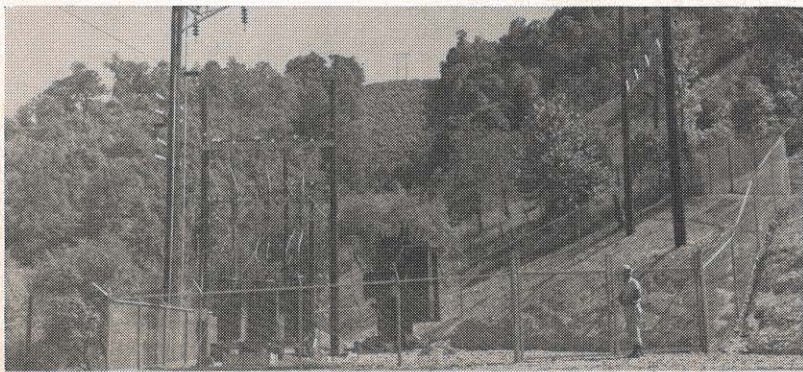
Company facilities were inspected recently by student groups. At left, Earl Robertson explains some of the functions of the computers in the system accounting department in Roanoke to students from National



Business College. At right, the visitors from West Virginia Tech tour the London hydro plant, led by O. G. Harris, hydro operator.



In Beckley, after a car smashed into a pole on Fayette Street, Appalachian men worked all night to restore the service knocked out by the accident. This picture shows E. C. Robertson, lineman, working out of an aerial bucket. (Photo by *Beckley Post-Herald*.)



This is Martin station, relocated from its old position where it was vulnerable to flooding, and modernized to meet service demands in the Pikeville division.



Seven Cabin Creek men learn the principles of the external cardiac massage, instructed by F. E. Hoyt, right. The class included A. R. Lively, A. R. Smith, S. L. Vealey, C. E. Petry, L. O. McKinney, W. R. Brooks, and K. E. Farley.



Clinch River's No. 3 unit was out of service last month for overhaul, inspection and cleaning. Boiler, boiler feed pump, high and low pressure turbines, turbine valves, ash hoppers, refractory, and preheaters all were looked after. Working here are W. A. Mitchell, General Electric field service engineer, and Con Powers, Clinch River master maintenance man.



Caution: flipper at work. This is Fred Helms of Beckley, displaying his skills as a pancake maker. The action took place at the Beckley Lions Club Pancake Feed. All revenue was put into the club's Blind Fund.



Virginia Black, Huntington home sales representative, turned TV star last month during a live local television show. She demonstrated the many uses and value of an electric range by preparing an assortment of holiday foods. The show was sponsored by Huntington merchants and Modern Electric Living Dealers.



There were elections in at least three places last month, and the results are pictured here. In the top row, at left, are the new leaders of the Pulaski Benevolent Association. They are David K. Spivey, treasurer; Fred Carrico, chairman, and Bonnie Sue Werner, secretary. Next to them, on the right, are the leaders of the employee organization in Fieldale: Alonza Beheler, vice president; Polly Wright, secretary; Betty Romero,



treasurer, and George Turner, president. Below, left and right, are pictures of Welch employees elected to high posts in two organizations. At left are W. T. Collins, vice president, D. C. Wright, president, and C. F. Mundy, secretary-treasurer, all of the Ole Timers Club. At right are the Welch Benevolent Association's officers: J. L. Mullins, treasurer; Mildred Church, secretary, and Fred Adams, chairman.

# FPC Issues Long-Awaited Power Survey

## The Report—" . . . Guideline For Development . . . "

The Federal Power Commission on December 13 issued a report on its recently completed National Power Survey, which the FPC described in its press release as "a guideline pattern for development of the nation's electric power industry designed to encourage full regional and countrywide coordination of all systems by 1980."

The Survey presented a study of the future growth of all of the nation's 3,600 electric utilities, including investor-, member- and government-owned, "designed to achieve the benefits from coordinating the expansion plans of individual systems while preserving the benefits of the pluralistic ownership pattern which exists today."

The FPC said its basic finding was that each of the 3,600 power systems, large and small, can achieve savings in the cost of generation and transmission of electricity by moving from "isolated or segmented operations, and from existing pools of limited scope, to participation in fully coordinated power networks covering broad areas of the country."

In spelling out the Survey objectives, the FPC emphasized that it was not a blueprint but "an illustration of a possible pattern of

efficient development."

The FPC's projected 1980 transmission pattern, according to its release, included the possibility of three major east-west, extra-high-voltage interties and another long-distance interconnection between the northwest and middle south. These would extend up to almost 2,000 miles and carry as much as 4-million kilowatts.

The Report also suggested sizable savings from the use of larger and more efficient generating units ranging up to 1.5- to 2-million kw.

### Target of 1.2¢

The FPC estimated that its program for coordinated planning could result in a saving of \$11.7-billion in plant investment, an annual net savings to consumers of \$11-billion by 1980. These would amount to a 27% reduction in the average kwh price to all users. This is the equivalent of 1.2¢ per kwh as the combined average retail price for all categories of electric sales, including those of government-owned and government-financed power systems. (In 1962, by comparison, the average was 1.7¢.)

The Report puts strong emphasis on the interests of small systems

and also on "the importance of effective wholesale rate regulation by the FPC to assure power distributors of power supply at wholesale on reasonable terms and with assurance of adequate supply for future expansion." The Report said that 3,190 of the 3,600 electric systems in the U. S. had peak loads of 25,000 kw or less and that, of the 3,190 smaller systems, 1,997 were government-owned.

The generation and transmission facilities projected by the Report are designed to meet the nation's estimated 1980 requirements of 2.8-trillion kwh—two - and - a - half times the 1964 total. To produce this energy, the FPC said, a well-interconnected and coordinated utility industry will need an installed capacity of 525-million kw, compared with about 200-million now, of which an estimated 70-million kw would be nuclear.

Expansion of the nation's transmission networks, as projected by the Report, would be at voltages never before employed on a commercial scale. It also forecast the use of 750,000-volt direct-current lines in the far west.

### Much Progress Made

The FPC Survey found that

"much progress toward coordinated operation" already had been made. Under the program outlined in the Survey, interconnections would be strengthened within each of 16 large coordination study areas and full coordination achieved by 1970. In addition, the areas of full coordination would continue to be enlarged as economically justified until, by the mid-1970's, full coordination would be accomplished within each of four main sectors of the nation.

The FPC said that its projected 1980 transmission network, among other things, would permit:

- o Construction of larger and more economical generating units;
- o Savings in fuel transportation costs through mass shipments to large power plants;
- o Location of large plants in sparsely populated areas to alleviate air pollution problems in metropolitan areas;
- o Reduced reserve requirements by sharing capacity among areas;
- o Savings by seasonal exchange of capacity between areas with opposing summer and winter peaks; and
- o Greater flexibility to meet unforeseen demands.



Mr. Caldwell

## Burnette Caldwell, Budget Supervisor, Retires In Roanoke

Burnette Caldwell, Appalachian's supervisor of budgets and special reports, retired December 1 with more than 37 years of service with the company.

Mr. Caldwell was first employed in the utility business as a clerk September 14, 1927 in the system accounting office at Roanoke. In 1936 he was named assistant department supervisor of the construction and operating section in accounting and in 1945 he was promoted to department supervisor in that section. He was named to his present position in 1949.

He is a member of the Masons and First Presbyterian Church. He has served as deacon, elder, and clerk of session at the Northminister Presbyterian Church as well as secretary-treasurer of the Usher's Guild and secretary of the men's Bible class.

Mr. and Mrs. Caldwell, the parents of two sons, will continue to live in Roanoke.

Upon retirement last month, Mr. Caldwell received several gifts from associates and co-workers.



Mr. Hout

## Howard Hout Dies In Huntington

Howard B. Hout, of Huntington, died last month at a local hospital. He had been with the company more than 40 years.

Mr. Hout joined Appalachian in July, 1924 at Logan as a meterman. In 1936 he was transferred to Huntington and made a clerk in the station section. He moved to the T&D department in 1941 as a cost engineer, and subsequently served as district supervising engineer, electrical engineer, district engineer, and, in 1954 was promoted to division station engineer.

Mr. Hout attained the rank of major during World War II while serving with the Air Corps in England, North Africa, and Italy. He was a member and a deacon at Huntington's Enslow Park Presbyterian Church, a member of the Institute of Electrical Engineers, the National Management Association, the Huntington Foreman-Manager's Club, and a retired member of the Reserve Officers Association.

Survivors include Mr. Hout's widow, one sister, a nephew, and a niece. Funeral services were conducted at the Beard Mortuary with burial at Woodmere Cemetery.

## The Reaction—Constructive, But No Blueprint

The Executive Advisory Committee to the Federal Power Commission in the preparation of its National Power Survey, released December 13, simultaneously issued a statement commenting on the findings of the Survey.

On the whole, the Advisory Committee found the Survey "constructive" and interpreted it as a guideline rather than a specific blueprint for the electric power industry's future, but at the same time took exception, in varying degree, to some of its conclusions.

The Committee of 10 was under the chairmanship of Philip Sporn, chairman of the System Development Committee of American Electric Power Company and retired president of AEP and of our companies. Six of the Committee members were drawn from investor-owned utilities, two from public agencies, one from a rural electric cooperative, and one from a state regulatory commission.

The major portion of the Advisory Committee's statement follows:

"The National Power Survey by the Federal Power Commission is a constructive attempt to set forth broadly conceived future goals and guidelines, rather than blueprints, for the electric power industry.

"The Survey was a major undertaking and in the relatively brief time for a study of this magnitude and complexity, has brought together in an important way outlines of the future possibilities for growth and development of the electric power industry. Participation by representatives of the industry in the development of the various advisory reports has resulted in significant data and analyses which are expected to prove helpful in bringing about early realization of some of the economies indicated by the Survey.

"While there are differences of view as to whether all categories of savings making up the \$11-billion annual savings projected by the Survey for 1980 can be realized, the Committee is unanimous in its opinion that major savings and lower unit costs are attainable, mainly as a result of growth and improvements in technology.

### Much Work Entailed

"The task of planning the facilities needed to supply the future power needs will involve the extensive efforts of management, engineers, and planners of all of the power systems in each region of the nation. Much work will be entailed as they examine with their

neighbors the facts and details of each major production and transmission proposal.

"The Survey is an excellent exposition of the challenges and opportunities which confront the

## Retirement Means "New Adventure" To O. F. Toalston

January 1 was the beginning of a new adventure for Orvie F. Toalston, of Logan. That was the day he retired as record supervisor after 38 years with the company, all in the Logan area. During his career, Mr. Toalston served as credit man, clerk, credit manager, chief clerk, before being promoted to record supervisor in 1950. Prior to joining Appalachian in 1926, he had worked four years with Ohio Power Company.

With retirement he will have more time to devote to his various interests and hobbies, developed over the years. He is particularly adept at flower growing. For years, his peonies, irises, gladioli, and several varieties of lilies regularly decorated the desks of women employees at the service building. He has done some experimenting with verbasum, a plant not yet sold commercially.

Mr. Toalston is active in the Justice Christian Church where he sings in the choir and teaches a Sunday School class. Among his other hobbies, he became interested in tape-recording folk songs.

With the many activities in which he is engaged, Mr. Toalston is looking forward to an active retirement.



Mr. Toalston

industry during the next 16 years.

"The Commission has sought to provide guidelines to the industry rather than a precise plan. For example, the Survey states:

" . . . the future patterns of the Nation's power systems depicted in the Survey Report are not intended as blueprints, because no one can foresee the many changes in the technology, operating conditions, or market potential that may occur in the years ahead. What we have set forth is an illustration of a possible pattern of efficient development. Our purpose is to excite interest in the many opportunities for saving that should be explored, rather than to propose any final answers. The Power Survey is intended as the beginning, not the end, of planning for the best possible power system of the future."

"While the Commission places emphasis on increased coordination in the planning, construction and operation of the nation's power systems to take advantage of the net economies of scale and diversity in the patterns of electric use across the country, the Survey's most important finding is the need for continuing emphasis upon greater volume of use by existing and new customers.

"Members of the Committee, in varying degrees, have different views or would place different emphasis on some—or cannot fully endorse some—of the statements and conclusions of the Survey. Among the more important are the following:

"1. Members of the Committee believe that most of the benefits attributed in the Survey to national coordination will result from continued step-by-step regional coordination rather than from the long east-west tie-lines suggested in the Survey. In this connection, the Committee concurs in the following words of the Survey:

"It would be premature to indicate that the general pattern and the analysis of these ties does more than generally identify the type and magnitude of future potential power transfers between these areas—or to conclude that they should or should not be constructed by 1980. Rather, they are presented here as possibilities not to be overlooked and to be carefully reviewed and evaluated from time to time.

"This discussion is not to say that a step-by-step approach at some intermediate voltage may not be developed tying the country east and west. Development of interconnections by stages has been the history of the power industry to date."

Built In 1853

# Old House Adopts Modern Living Concept

It started out as a fine big house in Virginia, overlooking the river, and the people who lived there kept themselves warm by coal fires in the fireplaces. Today it's still a fine big house, but there are some differences.

First, although the house was never moved, it's now in West Virginia, and second, the coal fires that keep it warm are located in the boilers of our steam generating plants.

The house, 111-years-old, and 17 rooms, and overlooking the Ohio River was recently converted to an all-electric installation within sight of the Philip Sporn plant. The owner, Patrick Riley, is a coal operator who recently moved to Hartford, West Virginia from Logan. He worked with R. L. Burnam heating and builder sales representative working out of Point Pleasant, in the challenging installation task. Insulation four inches thick was blown into the walls, six inches overhead, and batts installed underneath. In the house there are 46 windows, and each had to be fitted with a storm window. The conversion called for heat supplied by a combination of wall and baseboard units with individual room controls. The 13 fireplaces, originally built for coal fires, are now only ornamental, and each is surrounded by handsome, hand-carved wood work.

### Statehood Voter

The house was built in 1853 by one George Murdock, who came from Hartford, Connecticut. That he was a man of parts is indicated that he was able to bring with him to Virginia the name of the town he came from and bestow it on his new home. Murdock was a delegate to the convention held in Wheeling to discuss separation from the Commonwealth of Virginia, and voted for statehood. When West Virginia became a state, Murdock's house was already ten years old.

Around the turn of the present century, or a few years thereafter



This house, built in 1853, has recently been converted to electric heat, all 17 rooms of it. Its first owner was one of those who voted for statehood for West Virginia.

the first attempts at modernization in the house took place. It was wired for electricity, and the wires ran along the surface of the walls. Later, a bathroom was added, and its addition created an architectural oddity: a door from one of the six or seven bedrooms opens on a blank wall. When the bathroom was installed its wall closed one side of the door, but not the other.

In a house filled with features of interest to the antiquarian or historian, there are several worth mention. When the house was built window glass was expensive and hard to come by, especially in a place not many years removed from the frontier. The original panes, still in use, are rough and flawed, and one's view of the outside is frequently distorted. Atop the roof is a cupola with a commanding view of the countryside, and many of its windows are of stained glass. No one recalls where that glass came

from. The dining room ceiling has huge, hand-hewn beams, and surrounding the house is a hand-made iron fence set in stone removed from the nearby hills.

### Way of Life

The Rileys and their daughter have found their house to be more than a home—it's a way of life and a pastime. They have all taken part in the restoration work that adds so much to its charm. Mr. Riley has done much of the work on the random-width plank floors, on steaming off old wallpaper and applying new, and in painting. The house is so big that Mr. Riley has already used 50 gallons of paint, and the job is not finished yet. Mrs. Riley is concerned with the decoration, and their daughter concentrates on buffing, and painting or polishing the antique hardware on the many, many doors in the house.

## Sales

(Continued from page 1)

total electric residences during the year, representing 133 per cent of the company's quota. Of these, 204 were conversions, and 235 new homes.

A total of 7,075 ranges, water heaters, and dryers were installed, representing 103 per cent of quota. Sales and quotas of these items: ranges, 3,325 (101 per cent); water heaters, 1,572 (113 per cent), and dryers, 2,178 (99 per cent).

During the year also, 1,583 dusk-to-dawn lights were sold, 102 per cent of the quota.

In C&I work, 7,276-kw of load were added to the system for 107 per cent of quota. This does not include the high-use expansion of Kentucky Electric Steel.

### Kentucky Highlights

Other sales highlights in Kentucky during the year just past include the sale of electric heat to six schools, the addition of 49 all-electric apartment units, the all-

electric Buckhorn State Park, and the conversion of the Hazard office building and remodeling in Ashland and Pikeville to make all division offices all-electric and consequently, more modern.

G. A. Weatheron, Kentucky Power's commercial manager, attributed the successful sales year to two factors: employee activity in the sales field, and the generally improving economic situation in the area.

**Kingsport.** In 1964, Kingsport Power Company, despite some decline in building activity, recorded 722 electric heat installations. Conversions accounted for 301, new residences for 421, and the total also includes 54 apartment units, 44 of them new.

Appliances sold totaled 2,809, which included 1,204 ranges, 805 water heaters, and 800 dryers, all representing 100 per cent of quota. C&I sales added 3,798-kilowatts of load. Kingsport also sold 182 dusk-to-dawn lights.

## Much To Do, So Bill Abbott Retires Early



Mr. Abbott

W. M. Abbott, Charleston electrical engineer who retired January 1, doesn't expect to have much time on his hands. In fact, he retired a year early because there are things he needs to do and they require time.

Finding a place to live tops the list of things Mr. Abbott will attend to first. Interstate Highway 64, he has learned, will pass through his present 14 room home on Columbia Avenue. He needs a house large enough to accommodate Mrs. Abbott's collection of 3,000 books, and several rooms of antique furniture that once belonged to her great-grandparents. The Abbotts will also need space for their hobbies: photography, stamp collecting, and gardening.

Later, after Mrs. Abbott retires,

they plan to travel extensively; first visiting America and Canada, then England and Europe. Mr. Abbott's wife, Jane, employed in Appalachian's Charleston office 35 years, plans to retire next year.

Mr. Abbott's father, a native of Britain, came to the U. S. in 1888, married a Virginia girl and was living at Amelia when Bill was born. The family moved to Nitro, West Virginia in 1920.

Mr. Abbott worked for the old Virginian Power Company before joining Appalachian in 1933. He was an engineer in the T&D station section at Charleston during his more than 28 years with the company.

In addition to his other activities, Mr. Abbott is a Mason and a member of the West Virginia Society of Professional Engineers.

# Familiar Faces IN NEW PLACES

## Appalachian Power Company

### Abingdon Division

GEORGE G. WOOD from district office supervisor B to division accounting supervisor B; RUFUS M. BONDURANT from district superintendent to division superintendent, T&D.

### Charleston Division

JOHN MOSS from lineman B to lineman A; THEODORE B. PAYNE from tractor trailer driver helper to station man C; RALPH HOLMES from lineman B to lineman A; CHARLES CARUTHERS from meter service helper to groundman; GLENN PAUL from groundman to meter service helper; C. E. JONES from station man helper to tractor trailer driver helper.

### Huntington Division

L. K. GROSE from stationman C to stationman B; W. T. LOCKE from stationman helper to stationman C.

### Philip Sporn Plant

ANGUS N. HOWARD from test engineer to senior test engineer; ROBERT M. COOKE from test engineer to senior test engineer; WILLIAM T. SOULSBY from results helper to instrument maintenance man C; LUTHER O. SMITH from auxiliary equipment operator to equipment operator.

### Roanoke Division

RICHARD T. BOONE from mail clerk, system accounting to groundman.

D. F. BRUMFIELD from station man helper to station man-C.

DONNA F. CANNADAY from clerk stenographer, system operating to clerk stenographer division accounting, Fieldale.

GEORGE W. CONNER from groundman to lineman-C.

WILBUR GUTHRIE from station man-B to station man-A.

SANDRA P. McCLELLAND from cashier, division accounting, Lynchburg to cashier, division accounting, Roanoke.

## Service Anniversaries



E. C. Flannery  
30 Years  
Charleston



G. S. Helton  
30 Years  
Bluefield



Annie Neal  
Howard  
30 Years  
Bluefield



Charles D. Turner  
30 Years  
Hazard



J. R. Bryant  
25 Years  
Roanoke



M. D. Shepherd  
25 Years  
System



L. W. Thorne  
25 Years  
Charleston



I. L. Bradley  
20 Years  
Cabin Creek

## Radio Hams Pick Turnley As Chief

John Turnley, a serviceman at Martin, Kentucky, was recently elected president of EARS, Eastern Kentucky Amateur Radio Society. The organization, made up of ham radio operators in eastern Kentucky was formed in 1962 to coordinate communications activities during emergencies. The Society received numerous commendations for its work during a disastrous flood in March of 1963, and several members of EARS have been recognized individually for outstanding public service.

Mr. Turnley was also recently appointed District Deputy Grand Master of District No. 36 of the Grand Lodge of Kentucky F. & A. M., which consists of Floyd, Johnson, and Martin Counties. The one year appointment runs through 1965.



Mr. Turnley



E. Q. McGraw  
20 Years  
Cabin Creek



Eldin Roush  
20 Years  
Cabin Creek



James E. Hash  
20 Years  
Bluefield



Robert D. Simmons  
20 Years  
Bluefield

## Class Meeting



Some 50 percent of Beckley's employees are taking the company's air conditioning course, with interest so great that night study sessions are being held at the Beckley, Rainelle, and Oak Hill offices to give the employees a chance to discuss the technical aspects and other phases of the course. Voluntary instructors include Paul Pauley at Rainelle, Mason Wood and Tom Humphries at Oak Hill. Shown here are members of the Beckley study group with instructors W. C. McMahan and R. L. Loudermilk, at easel.

## Pikeville Honors Service Veterans

The Pikeville division of Kentucky Power Company held its second annual AEP service pin award banquet last month and honored 14 employees. Two hundred sixty years of service were accounted for by the group. The oldest in service was 35 years and the youngest was five years.

H. H. Kincaid, division manager, welcomed the group and introduced the service pin recipients. Waldo LaFon gave a short talk to the group.

This year the theme of the meeting was, "Do you Remember When?" Each employee's place at the banquet table was identified by an old picture placard of himself or herself. Some of the pictures were so old that the employees could scarcely remember themselves at that age. Some found their place only by an elimination process.

## Collins Honored By Kiwanis Club

W. T. Collins, Jr., office supervisor at Grundy, received the "Kiwanian of the Year" award last month at a meeting of the Grundy Kiwanis Club. The award is made annually to the Kiwanian who is most active in the club, as well as community affairs.

In addition to serving on the board of directors for the Grundy Kiwanis Club, Mr. Collins is active in scouting and church affairs in the area.

Employees honored were H. M. Eagle, 35 years; John Layne, 30 years; R. H. Flynn, 25 years; Denver Layne, Ireland Charles, James Bailey, and Ed Lykins, 20 years; James McReynolds, Marvin Sword, Glen A. Whitt, and Frances Huffman, and Wilson Tibbs, 15 years; Earl Bellamy, 10 years, and Joyce King, five years.

## Beckley Art Group Selects Thorne

Lamaral W. Thorne, Beckley area serviceman, has been elected president of the Beckley Art Group for the year 1965. Mr. Thorne has been associated with the group for the past five years, and has been treasurer for the past three years. His abstract paintings won awards in the group's annual spring showing.



Mr. Thorne

He was first employed by the company in November 1939 as a groundman. He attended Beckley College.

He is a director of the Curtain Callers and is vice president of the Beckley Toastmasters Club. He is married and the father of two daughters.

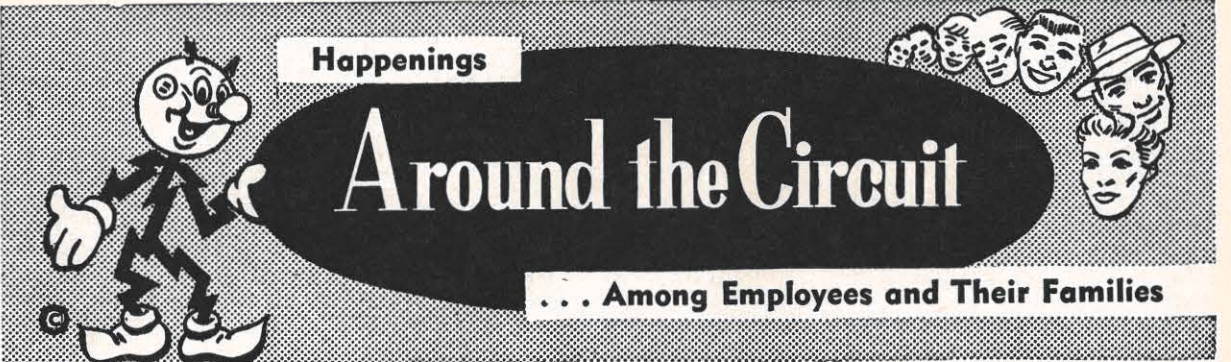
## Flood Of Mail Follows Dad's Speech To Class

This is the story of how a fourth-grader booked his dad for a speech, and what happened after that. It happened at Crescent Elementary School in Beckley. Mrs.

Rachel Williams, the teacher of the fourth grade, said she wanted to find someone to talk to the class about electricity. Jim Helms knew just the fellow, and promptly said



Fred Helms spreads his hands in amazement at the fan mail he received after his talk on electricity to Crescent Elementary School.



### Bluefield Division

R. E. Shipwash and Grady L. Parker have been elected to offices in the Green Valley-Glenwood Kiwanis Club. Mr. Shipwash is chairman of the house committee, and Mr. Parker is first vice president, and chairman of the program and music committee . . . W. T. Goodloe has been named co-chairman of the achievement report committee of the Kiwanis Club.

W. E. Brooks, retired, attended the 100th annual communication of the Most Worshipful Grand Lodge A. F. & A. M. at Clarksburg, West Virginia . . . Jane Meadows, wife of Howard Meadows, was named 1965 president of the Bluefield Council of Social Agencies.

Barbara Gail and Garland Morrison Jr., children of Tazewell's Garland Morrison were on the December honor roll at school.

### Welch

Claud K. Kirkland was appointed by the McDowell County Board of Education to the Advisory Committee on Vocational Schools. He will assist with planning the curriculum of the county's expanded vocational school . . . D. L. Kendrick Jr., was elected a director of the Buchanan County Chamber of Commerce . . . Ballard Belcher has been named a county committee-man on the Agricultural Stabilization and Conservation Committee . . . Fred Adams attended a six-day training session of the McDowell County Civil Defense unit, sponsored by the West Virginia Extension Division. The group spent the final night in a fallout shelter.

Howard H. Bivens, II, son of H. H. Bivens, was elected co-captain of the King College Soccer team. Howard, a junior, was also chosen as a member of the school's Dogwood Festival Court.

Sarah Chaffins, daughter of W. A. Chaffins, attended the Presbyterian Senior High Fall rally at the Bluestone Conference Center . . . Kathy Martin, daughter of Jack D. Martin, received a two-year perfect attendance award at Pineville's First Methodist Church, where she sings in the junior and intermediate choirs . . . Virginia Collins, wife of

W. T. Collins, has been named chairman of the Buchanan First Presbyterian Church's Women's Circle.



### Ashland

Roger Richardson has resigned.

### Pikeville

James R. Burdsal was chairman for the Rotary Club's annual pancake day, held December 19 in the Kentucky Power Company auditorium. H. R. Flanagan helped with the cooking, waited on tables and washed dishes.

Retired employees Rodman Crutchfield, G. C. Bevins, and Charles Wilson were guests at a Christmas party . . . The Pikeville women employees held their annual Christmas dinner and exchanged gifts at The Lantern, in Pikeville.

Mr. and Mrs. William D. Huffman, in-laws of Frances Huffman, celebrated their 50th wedding anniversary last month.



### Roanoke Division

J. W. (Bill) Craig, husband of Annise Craig, has been re-elected president of the Shenandoah Valley Beagle Club . . . Paul A. Hartman was elected president of the Clearbrook Life Saving and First Aid Crew . . . Prince E. Thornton was re-elected to a second term as president of the Board of Trustees of Goodwill Industries.

### Fieldale

Welcome to new employee, Dorothy Via.

### System

Connie M. Edgington is a new employee.



### Pulaski Division

Miss Nancy Rhea Cornett, daughter of R. H. Cornett, is one of 15 Emory and Henry College students selected to represent the school in "Who's Who Among Students in American Universities and Colleges." She is a senior and a member of Alpha Beta Chi, and has been secretary of the student government, and a member of the student legislature.



### Logan-Williamson Division

Mrs. Jackie Queen, wife of Frank Queen, was crowned Ideal Sorority Sister by the Eta Iota chapter of Tau Phi Lambda sorority at a recent ball. In addition to her crown, Mrs. Queen received a large trophy and a bouquet of roses.



### Charleston Division

Jim Musgrave was recently elected first vice president of the St. Albans Jaycees . . . Chris Mitchell and her husband were recently in Cincinnati, Ohio where he attended a 20-year reunion of six World War II Ranger battalions.

Mary Lynn Munday, daughter of E. L. Munday Jr., was recently elected vice president of the junior class at Charleston's new George Washington High School.

### Beckley

Miss Frances Smith has been chosen by the Beta Lambda chapter of Beta Sigma Phi to compete with girls from other sororities for the title, Valentine Queen, at a dance . . . She is also a new member of the Beckley Junior Women's Club.



### Lynchburg Division

W. S. White has been elected vice president of Central Virginia Industries . . . J. R. Martin was named secretary of the Campbell County Utilities Commission.

## Clinchers Get - And Give - The Bird

Clinch River plant's employee organization, the "Clinchers" declared an extra dividend for members this year in the form of a Christmas turkey for each family represented. Approximately 1,680 pounds of turkey were distributed during the holidays to shareholders.

The "Clinchers" receive the profits from plant concessions and apply them to social, recreational, and benevolent causes. Frank Barr, shift operating engineer, is the current "Clincher" president.

## 64th Anniversary



The Rev. and Mrs. Wesley McKinney, parents of L. O. McKinney, Cabin Creek plant, are shown as they celebrated their 64th wedding anniversary at their home in Phoenix, Arizona. Members of the family of 10 children, 33 grandchildren, and 52 great-grandchildren attended the open house. The McKinnies moved to Phoenix from West Virginia when he retired from the ministry.



Married in the weeks before the year ended were, top row, from left: Mrs. Robert Lee Webb, Kingsport; Mrs. Paul Douglas Greenway, system; Mrs. Charles M. Reneau, Ashland; Mrs. Donald Philbrick Keyser, Ashland; second row, from left: Mrs. Leonard O. Burcham, system; Mrs. Ernest Field Christian, Jr., Roanoke; Mrs. Jerry Atlee Pritt, Charleston; Mrs. Tommy Edward Crowder, system; Mrs. Robert Michael Vickers, Kanawha River.

## Year's End Marked by Ten Weddings

### Bryan-Webb

Linda Mae Bryan and Robert Lee Webb exchanged nuptial vows in a double ring ceremony held November 27 in the First Baptist Church in Kingsport, Tennessee. Mrs. Webb is the daughter of Clarence J. Bryan, vice president and general manager, Kingsport.

### Altis-Greenway

Joyce D. Altis was married to Paul Douglas Greenway on December 5 in a ceremony performed in the Riverland Road Baptist Church. Mrs. Greenway is an employee in the system accounting department, Roanoke.

### Dickerson-Reneau

Linda Lee Dickerson became the bride of Charles M. Reneau in a

ceremony performed November 26 in the Calvary Episcopal Church. Mrs. Reneau is a clerk stenographer in the system accounting department in Ashland.

### Cole-Keyser

Elizabeth Julia Cole and Donald Philbrick Keyser were united in marriage on November 28 at the Presbyterian Church in Nicholasville, Ky. Mr. Keyser is the son of Don Keyser, assistant accounts payable supervisor in Ashland.

### Auton-Burcham

Elizabeth C. Auton and Leonard O. Burcham exchanged wedding vows in a private ceremony in the Westhampton Christian Church in

Roanoke, Virginia, November 26. Mrs. Burcham is a clerk-stenographer in the system real estate and right of way department, Roanoke, and Mr. Burcham is an invoice and order clerk in the system accounting department in Roanoke.

### Musselman-Christian

Terri Lee Musselman became the bride of Ernest Field Christian, Jr., in a ceremony performed December 5 at the Villa Heights Baptist Church in Roanoke. Mrs. Christian is the daughter of Carlos L. Musselman, engineering aide in the Roanoke division.

### Jones-Pritt

In a double ring ceremony on November 26 Mary Frances Jones became the bride of A-1C Jerry Atlee Pritt. Mrs. Pritt is the daughter of Wyatt H. Jones, lineman in Charleston, West Virginia.

### Turner-Crowder

Mary Jane Turner and Tommy Edward Crowder were united in marriage November 27 at Kingdom Hall of Jehovah's Witnesses, in Roanoke, Virginia. Mrs. Crowder is an employee in the system accounting department.

### White-Vickers

Linda Kay White and Robert Michael Vickers were married in a ceremony at the Hampton Baptist Church in East Bank, West Virginia, November 26. Mrs. Vickers is a clerk-typist at the Kanawha River Plant.

### Worrell-Peak

The Jackson Chapel Presbyterian Church was the scene for the wedding of Brenda Worrell and Lonnie R. Peak on November 3. Mrs. Peak is the daughter of Roscoe R. Worrell, retired employee in the Pulaski division.

## Miss Baker Chosen For Honor Society

Judith Ann Baker was initiated into the Duke University Chapter of Phi Beta Kappa, the nation's oldest scholastic honorary society, on December 4. She is the daughter of F. M. Baker, Kentucky Power's vice president and general manager.

Miss Baker was among 76 Duke students elected to membership. Each member had completed at least six semesters of academic work in the University with an average of 3.3 out of a possible 4.0 standing. Miss Baker's average has been about 3.7.

Having been on the Dean's list each semester since enrolling, she was recently elected Kappa Student, an honorary title bestowed upon the student with the highest scholastic average in Kappa Kappa Gamma.



Miss Baker

## New Arrivals

### Abingdon Division

MR. AND MRS. CARL W. ROSE, a son, James Edward, October 30. Mr. Rose is a meter reader.

### Charleston Division

MR. AND MRS. ROBERT A. BAKER, a daughter, Robi Valara, December 4. Mr. Baker is a janitor in the Beckley area.

### System

MR. AND MRS. CARL L. SHEPARD, a daughter, Crystal Lee, November 14. Mr. Shepard is employed in the system transmission line department in Bluefield.



Leonard Crum, Bill Broughton, and Bill Burgess, all Logan employees, are processed for blood donations during a recent Bloodmobile visit.

## Blood Giving At Logan

Employees in Logan support the Red Cross Blood Program.

On November 10 there were eleven employees on hand at the First Baptist Church to give their blood on Bloodmobile Day. Among them were Bill Broughton, who by contributing his eighth pint earned a gallon pin, and Leonard Crum, Bill Burgess, Charles Simmons and Gene Stepp contributing for the first time. Howard Foglesong started on his second gallon. Also present were Carey Keener, Walt Chambers, Richard Blevins, H. E. Garrett, and J. M. Sullivan.

Since the program began in 1955 over 400 pints of blood have been given in the program by Logan employees.

Those who have given the largest number of pints of blood are: Merrill Atkinson, 29; Dallas Kinser, 28; Chester Elkins, 24; Caleb White, 20; W. H. Honaker, 19; J. M. Sullivan, 14; and Mildred Maynard, high for women, with 12.

## They're Engaged

HARRIETTE JANE HICKS to Gary Pat Mannon. Miss Hicks is the daughter of J. F. Hicks, engineering aide in the Huntington division.

JACQUELINE JEWELL to Corson L. Hart. Miss Jewell is the daughter of J. W. Jewell, retired employee in the Point Pleasant area.

MARTHA ENGLISH LA FON to Robert McCreary Stephenson. Miss La Fon is the daughter of Waldo S. La Fon, assistant general manager of Kentucky Power Company.



## Christmas Giving

A dozen bushel baskets of food and some \$95.00 in cash were donated by Roanoke office employees at the annual Christmas safety meeting. Preparing the baskets for distribution to the needy are W. A. Henley (left), 1964 office program planning committee chairman, and J. W. Thomas, vice chairman. A safety skit, "Christmas Goes to Beverly Hills," portraying the Beverly Hillbillies was presented.





Pikeville's first-half winners. From left: Corbin Bobbitt, Betty Justice, Tilden Justice, Betty Robinette, and William Dibert.

## Relays Edge Volts For First Half Title

The Relays of the Pikeville Employees' Bowling League was crowned champion of the first half on December 14. The Relays won 36 and lost 20. The second place Volts won 34 and lost 22. The outcome of this close race was decided on the final night.

James Hopson had the high season average with 176. Craig Fields had the high single game 234 and James Skiles rolled the high three game series of 588. Betty Robinette had the high single game of 202, high three game series of 487 and the high average of 141 for the season among the women bowlers.

## "Fat Men's Club"

# Lynchburgers Organize For Weight-Reduction

Being overweight is a little like the weather; there's a lot of talk, but few people do anything about either. Not so in Lynchburg.

A ton-and-a-half of Lynchburg employees recently met at a luncheon and organized "The Fat Men's Club," for the sole purpose of losing weight. Originally, the luncheon was to have been held before Thanksgiving, but was re-scheduled after the holiday because, some felt, the extra temptation might prove too strong at the beginning of the venture.

The members of The Fat Men's Club decided on a weight losing plan that is simple and direct: in-

creased physical activity, and eating familiar foods in smaller amounts. Crash diets are out, because of the potential danger to health. Following general medical recommendations, the members hope for gradual weight reductions, with the take-off rate limited to one or two pounds a week.

As one club member said, "we are all aware of the jokes that overweight people endure. Usually treated as something funny," he said, "being overweight is a serious problem." Jocular references to fat people cause them to be sensitive about their appearance, and could lead to adverse psychological effects. Excessive weight causes not only deep unhappiness, but may produce deadly physical results.

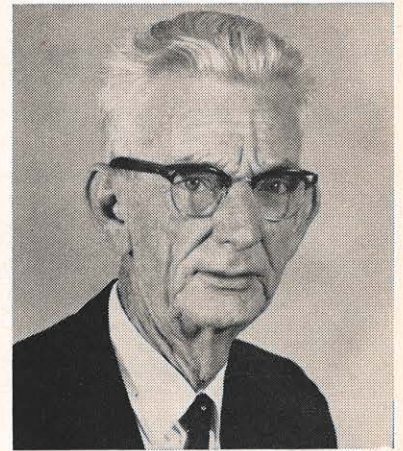
Twelve men are charter members of Lynchburg's Fat Men's Club. But after the initial luncheon meeting, five women employees, who admitted they were pleasingly plump, applied for and received admission to the club.

Luncheon meetings are to be held once a month in the company auditorium, prepared by the home sales representative, and paid for by members. The meal will feature low calorie foods of sufficient quantity and quality to hold the waistline, but give the members the required energy for work. Also at

each meeting, the members will be weighed. Those who have gained (perish the thought) will be classified as cream puffs, and the members who have lost weight will get stars by their names on the club roll. The man and woman who have lost the most will be crowned king and queen each month, and will keep the title until another member's weight shows a larger drop.

Two mottoes have been adopted by members of The Fat Men's Club: "Be strong and of good courage," and "Quit you like men, be strong."

## Settle, Retiring, Recalls Old Days



Mr. Settle

William O. Settle, area serviceman at Clendenin, retired January 1 with 40 years of service. He was first employed with the old Virginian Power Company at Cabin Creek in January of 1925. He went to Clendenin in 1940, and has worked as a groundman, lineman, district serviceman, and district troubleman before being named area serviceman in 1953.

Mr. Settle, reminiscing about the early days with the company, recalls that he worked with a floating crew cutting right-of-way, and testing and changing insulators between Cabin Creek and Beckley. One of the first jobs was on the Cabin Creek-Leewood line, and he recalled the first hot stick outfit he worked with. Mr. Settle said, "in those days insulators were delivered on Saturdays and installed on Sundays, because the lines had to be de-energized."

He said linemen have had weather a tough job today, but it is nothing like the old days. Snowstorms could be expected every three weeks or so, and, he added, "we worked 2,300 volts with leather gloves, and carried strings of insulators up the mountain sides with ropes over our shoulders." Back then, the main lines would go out every time a snowstorm or lightning came up. He said the company has come a long way, "with the modern equipment a man has to work with today."

Mr. Settle, a native of Deepwater, West Virginia, plans to continue living at Clendenin, where he is a member of the Lions Club. His favorite hobby is electroplating baby shoes. He has two sons and three grandchildren.



## Footballers

Two outstanding football players from the Hazard division are Freddie Barnett, senior, 175-pound full-back; and Tommie Manning, senior, 175-pound center. Freddie is the son of H. C. Barnett of the T&D department; and Tommie is the son of W. E. Manning, head T&D clerk. They were partly responsible for the fine record of 10-1 for their home team, the Hazard Bulldogs, who won the Eastern Kentucky Mountain Conference and were runners-up in the State AA Conference.

## Employee Cited For Shelter Stay

S. L. Johnson of Pulaski received a certificate from the Pulaski County Board of Supervisors in recognition of his participation in a Civil Defense in-shelter training course.

Mr. Johnson was among 21 persons who spent 24 hours in the shelter under simulated nuclear fallout conditions. The group was fed high nutrition biscuits and candy with high carbohydrates, and electronic equipment used during the test made it seem more realistic.

## Computers Lead As Half Closes In

With only two bowling nights remaining until the end of the first half of the Roanoke Bowling League season, Computers have taken over first place with 27-17-1 record. Close behind in second place is the Distribution team with a 27-18 record, followed closely by Stores with 26 won and 19 lost.

Individual honors go to Bill Sheaf with high average of 184.3 and Kenny Hern with high game of 256 and high set of 670.

Smith Mountain has high team game of 967 and Local Office high team set of 2,755.



Mr. Grinstead

## Grinstead Retires After 39 Years

A. R. Grinstead, Bluefield administrative assistant and a 39-year veteran, chose early retirement last month because of ill health. Joining Appalachian in 1925 as a bookkeeper, he became a clerk in the managerial department in 1935, and in 1940 was made chief clerk of the T&D department. Five years later, Mr. Grinstead was named T&D supervisor. In 1950 he became records supervisor, and was made administrative assistant in 1954.

Mr. Grinstead, a native of Chilhowie, Virginia, attended National Business College in Roanoke.

He is a member of Trinity Methodist Church at Bluefield, and the Pocahontas Electrical and Mechanical Institute. He is a past president and treasurer of the Civitan Club, past member of the YMCA and the Salvation Army boards.

Gardening and fishing are Mr. Grinstead's hobbies. He and his wife have a daughter and a grandchild.

## At 20 Feet A Year, Mr. Rhudy Builds A Wall

J. B. Rhudy of Welch has completed a 61-foot-long, back yard do-it-yourself project that began more than 36 months ago. Because his back yard is rather steep, Mr. Rhudy decided that a long retaining wall would give him more level area for summer cookouts, and would make it easier to get around his house. He also felt such a wall would provide support in preventing wash-outs.

So he began, three summers ago, by collecting ideas and information from friends and masonry experts. He collected stones, large and small, from "practically every corner of the Welch area."

Working on evenings, Saturdays and parts of vacations, he cut the stones and fitted them in place, hauled materials, and watched his wall slowly take shape.

Statistics on the now finished project are impressive. The wall is 61 feet long and varies in height from five to seven feet. It is 30 inches wide at the base, 16 inches across the top. Poured into the wall, besides countless man-hours of labor, are: 17 tons of sand, 96

bags of cement, and thousands of rocks. It weighs an estimated 96 tons.

Mr. Rhudy is now ready to turn

to his next project, inside. He plans to remodel his basement so he can have a workshop and a recreation room.



Shown here is a portion of a 61-foot-long wall J. B. Rhudy completed at the rear of his home at Welch, after three years of do-it-yourself work which included hauling thousands of stones, mixing 96 bags of cement and 17 tons of sand, and countless man-hours of his labor.

## Hunting Harvest

The hunting harvest in the recent season was a good one, if these pictures tell the truth. At left is Jack Dunn, area serviceman in Bland County, Virginia. He got this 12-point buck with a bow and arrow. Next are two Bluefielders, Tip Fletcher and Howard Meadows, with their deer, hung on an apple tree in Charlie Yearout's yard. Bonnie, the Yearout dog, congratulates Tip for getting the bigger deer. The kills were made in Pocahontas County. Another 12-point buck was brought down by William Beeler, of Kingsport. Finally, in the picture at right is Charles Carroll, Sporn plant, with the turkey he shot in Hardy County. On the same day he also got his limit of squirrels.





Mr. Maloney

### AEP Board Elects Maloney To Two Posts

The Board of Directors of the American Electric Power Service Corporation has elected G. P. Maloney to the newly designated post of controller of the Service Corporation and also elected him a member of the Board.

In addition, the Board elected H. H. Hergert and P. R. Steenland to the posts of assistant controller. The appointments took effect on December 30.

In his new post, Mr. Maloney will report to President Donald C. Cook and be responsible primarily for various control functions involving the analysis of relative operating effectiveness and efficiency.

Mr. Maloney, who joined the Service Corporation in 1955, has been administrative assistant to the President since January 1962. Prior to that, he had been assistant to the Service Corporation's power contracts engineer.

He holds bachelor's degrees in electrical engineering and business administration from Massachusetts Institute of Technology and an MBA degree from Rutgers University. He is a member of Beta Gamma Sigma, a national honor fraternity, and of the Edison Electric Institute's committee on depreciation.

Mr. Hergert joined the Service Corporation in 1952 as a member of its insurance department staff. He was transferred to the controllership department in 1958.

A native of San Francisco, Mr. Hergert holds a bachelor's degree in business administration from the University of California at Berkeley and an MBA degree from the Harvard School of Business.

Mr. Steenland joined the Service Corporation in 1939 as a member of the mail room staff. He was transferred to the accounting department in the following year. In 1942, he enlisted in the U. S. Navy, serving for four and a half years, then returned to accounting. He was transferred to the controllership department in 1955.

### Company Truck Helps Fight Abingdon Fire

Appalachian men and equipment played a big part in limiting damage to one industry and saving another in a major fire in Abingdon last month.

Fire broke out December 16 in the plant of the Abingdon Redrying Tobacco Corporation, and before it was extinguished it had destroyed one-fourth of the building, all machinery, and about 15,000 pounds of burley tobacco. In the course of the blaze, the Columbus McKinnon Corporation plant, in the same building, was threatened and actually suffered limited damage.

Appalachian's new bucket truck and its crew were on hand to disconnect primary power lines. When the blaze threatened to spread, Abingdon's town manager asked for the use of the truck. Heat and smoke were keeping firemen from strategic positions in fighting the fire. A hoseman climbed aboard the bucket, and with Jess Overbay and Bob Crusenberry at the controls, the aerial device was constantly maneuvered to the best positions, and from it, a steady stream of water was played on the blaze. On the ground Jim Roseberry and Charles Bailey moved the truck as necessary, and kept an eye out for the safety of the men and equipment. The use of the bucket also permitted the hoseman to douse Appalachian's poles and service lines when the heat level became dangerously high.

In a letter to Fillmore McPherson, the division manager, the town manager thanked the company for the use of its equipment and personnel, and recounted all that was done. "The spirit of cooperation that you and your employees show toward the Town of Abingdon is appreciated."



Up above the smoke and flames in an Appalachian bucket truck, an Abingdon fireman plays a hose on a major fire in that town last month. The truck was pressed into service when the fire, already big, threatened to spread.

### Tests Started On Dam's Unit; Lake Half Full

Appalachian has begun tests on Smith Mountain Dam's Unit 1, a reversible generating unit which will also operate as a pump. The tests will require several weeks.

The channel below the dam, which had been drained and closed off for cleaning, has been opened and refilled. A large coffer dam which had been built downstream from the dam has been removed.

A new permanent bridge has been completed below Smith Mountain across the Leesville Lake, giving access from Pittsylvania County to a proposed overlook area on the Bedford County side of the river.

During tests, unit 1 will be allowed to run continuously for 3½ days to dry out the generator windings. It will not be generating power, but water passing through the unit will raise the elevation of Leesville Lake. Some time in January the unit will be tested as a pump. This is one of two units located in the Smith Mountain Dam which will be used to pump water back from the Leesville Lake into the Smith Mountain Lake.

During the test period all of the water passing from Smith Mountain into the Leesville Lake will be retained. If there are substantial rains this water and that coming from the tests could raise Leesville Lake to its maximum elevation of 613 feet, the first time that will have been accomplished. The lake's elevation is now 600.

Smith Mountain Lake is now half-full by volume.

### Two From Different Locations Mark Long-Term Service

Elmer T. Johnson of Lynchburg, with 40 years of company service, is this month's senior employee, closely followed by Thomas Griffin of Hazard with 35 years.

Mr. Johnson started out in Lynchburg in 1925 as a salesman, selling customers the idea of wiring their homes for lighting. In 1927 he moved to the accounting department. He returned to the commercial department and lighting in 1934 as commercial lighting salesman, and was promoted to commercial sales engineer, his present position, in January 1936. He is a veteran of World War II, serving for more than two years in the Army. Mr. Johnson is also past president of the Lynchburg Lions Club, a member of the Industrial Management Club, and the Lynchburg Society of Engineering and Science.

Hazard's 35-year man, Thomas

Griffin, started out as a clerk in the accounting department. He worked in a number of different jobs in that field, and in 1945 was promoted to division office supervisor, the job he now holds. His interests lie in sports, notably in the Cincinnati Redlegs. He and his wife live in Hazard, and attend First Methodist Church.

### Gates Elected Chamber Head

One Appalachian man has succeeded another as president of the Beckley-Raleigh County Chamber of Commerce for the coming year.

John M. Gates, administrative assistant, assumed the duties held by W. C. Mahan, area manager, who has been president for the past two years.

Mr. Gates, a graduate of VPI, joined the company in 1948 as power sales engineer. He became administrative assistant two years later. In addition to his Chamber post, he is also a director of the county United Fund, the YMCA, the Woodrow Wilson Scholarship Foundation, and the Kiwanis Club. He is president of the VPI Alumni Association, and is an Elk. Mr. and Mrs. Gates and their three children attend Beckley Presbyterian church, in which he serves as deacon.



Mr. Gates

### Woolcock Named Chief Chemist

D. F. Woolcock has been promoted to chief chemist at Sporn plant, moving up from chemist.

He started with the company in 1951 as laboratory attendant at Logan plant, and worked as assistant chemist and chemist there before moving to Sporn in June 1961 as chemist.

A native of Ohio, he attended Marshall University, and later completed an ICS course in analytical chemistry. He is the father of a daughter and two sons.



Mr. Woolcock



Mr. Johnson

Mr. Griffin

### Managers To Meet In Roanoke Again

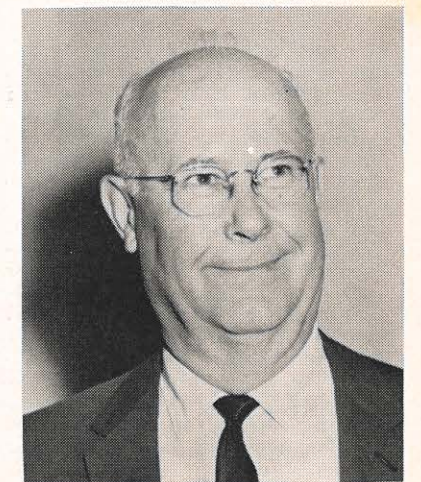
The 1965 Management Meeting of the American Electric Power System will be held once more in Roanoke. Present plans call for the gathering there of some 300 members of the System's management staff during the early weeks of November. Appalachian has been host to the meeting, traditionally held in the Hotel Roanoke, five times previously. The most recent meetings held there were those of 1962 and 1963.

### Bluefield Veteran, B. E. Bates, Retires

B. E. Bates, meter supervisor for the Bluefield division, retired the last day of 1964 with more than four decades of service. His 41 years with the company began in 1923 in the Bluefield meter department. In 1944 Mr. Bates became meter superintendent at Welch, and he returned to Bluefield as district meter supervisor in 1958. He was promoted to division meter supervisor in 1959.

Mr. Bates, a native of Somerset, Kentucky, attended Emory and Henry College. He is a past president of the Welch Kiwanis Club, past master of Harmon Lodge 22 AF&AM, a member of the Pocahontas Electrical and Mechanical Institute, and the American Legion. He is also treasurer of the building fund and trustee of the First Methodist Church at Bluefield, Virginia, and is president of the Graham Kiwanis Club at Bluefield.

Mr. and Mrs. Bates, who have three children and three grandchildren, plan to spend their retirement at their Bluefield, Virginia home.



Mr. Bates



### Turtle Club

J. B. White (left), manager in the Fieldale area, presents line foreman J. H. Merriman with a certificate and a safety hard hat, making him an official member of the Turtle Club. During construction of a station this fall, a two-pound wrench fell 35 feet from a lineman's belt, and struck Mr. Merriman's hard hat, then glanced off his shoulder. The hat saved him from a possible serious injury.



### Appalachian Power Company

BLUEFIELD DIVISION—30 YEARS: GARNETT S. HELTON, meter serviceman; ANNIE NEAL HOWARD, private secretary. 20 YEARS: JAMES E. HASH, rodman; ROBERT D. SIMMONS, head T&D clerk. 10 YEARS: HARRY BUSTON, III, meterman; LONEDA M. ROSE, cashier-clerk.

CABIN CREEK PLANT—20 YEARS: ELDIN ROUSH, laborer.

CHARLESTON DIVISION—30 YEARS: E. C. FLANNERY, administrative assistant. 25 YEARS: L. W. THORNE, area serviceman. 10 YEARS: THEODORE B. PAYNE, station man.

LYNCHBURG DIVISION—40 YEARS: E. T. JOHNSON, commercial sales engineer.

PHILIP SPORN PLANT—15 YEARS: WALTER GLEN CARTWRIGHT, maintenance foreman.

ROANOKE DIVISION—25 YEARS: J. R. BRYANT, service representative.

SYSTEM—35 YEARS: S. L. HOPPER, assistant stores accounting supervisor. 25 YEARS: M. D. SHEPHERD, system senior personnel assistant. 15 YEARS: R. L. HALL, JR., system senior electronics engineer. 5 YEARS: C. E. BOUSH, head, general accounting machine operations.

### Kentucky Power Company

HAZARD DIVISION—35 YEARS: THOMAS GRIFFIN, division office supervisor. 30 YEARS: CHARLIE TURNER, station man. 15 YEARS: GLENDORA F. ISON, cashier-clerk.

PIKEVILLE DIVISION—15 YEARS: WILSON TIBBS, groundman.