

Your greatest asset is
time so make the most
of it.

The Illuminator

No one anywhere ever
forgets the person who
speaks kindly to him.

Vol. VIII, No. 5

KENTUCKY POWER COMPANY

APPALACHIAN ELECTRIC POWER COMPANY

KINGSPORT UTILITIES, INC.

February 1957

AGE Sales Awards Won By Our Three Companies

Appalachian and Kentucky led the way as sales during the 1956 AGE Golden Anniversary Campaigns hit all-time highs.

Just about every sales campaign set a new record and the six companies of AGE made 1956 the best year in history for commercial activities. There were 167,451 major appliances sold in the AGE area, a new record, and 279,473 kilowatts added to AGE lines in the four commercial-industrial categories — lighting, cooking, heating and air conditioning-ventilation. This was also a new record.

Appalachian swept all honors in the Generator division of residential sales, taking first place in the 12-month overall campaign, first in water heater activity, first in kilowatt-hour quota and first in home heating installations.

Kentucky led the Exciter division

in commercial-industrial sales, taking first in the overall campaign and first in the space heating contest. Kingsport was first in the heat pump division. Kentucky also finished first in the kilowatt hour section of residential sales.

Appliance Sales

Sales of the four major appliances in our three-company area during 1956 stacked up this way:

Appalachian — 28,373 ranges; 15,437 water heaters; 14,080 dryers; 60 incinerators; 57,950 total units.

Kentucky — 3,756 ranges; 1,892 water heaters; 1,669 dryers; 11 incinerators; 7,337 total units.

Kingsport — 893 ranges; 1,268 water heaters; 705 dryers; 2,866 total units.

Quotas for the various campaigns

(See Sales Awards, Page 10)

Challenge For 1957

Safety Records Set In Our Companies

Appalachian employees had fewer disabling injuries per million man-hours during 1956 than ever before in the history of the company.

Employees suffered only 22 disabling injuries while working 7,409,053 manhours, which figures out to a 2.97 accident frequency rate. This is 15 per cent lower than 1955, best previous year, and 25 per cent lower than last year.

Kingsport went through 1956 without a disabling injury, the second straight for that company. And although Kentucky Power suffered a fatality and a disabling injury, two of its three districts extended their spotless records.

Pikeville district completed 1,335,493 manhours covering 64 months. That district's last disabling injury was on August 2, 1951. And Ashland district ran its consecutive manhours to 686,664, covering a



W. E. Zopp and three Beckley employees proudly hang the Appalachian 1956 safety plaque in the district headquarters. Mr. Zopp, personnel assistant in charge of Beckley's safety program, accepted the plaque on behalf of employees from D. C. Duncan, system safety director. Helping Mr. Zopp here are from left: W. E. Mitchell, line supervisor; Vera Haynes, utility clerk; and C. L. Honaker, meter supervisor.

period from March 17, 1954. The fatality and disabling injury were in

Hazard, which until June 21 had worked 1,006,831 manhours without a disabling injury. Since that day the district has accumulated 111,259 manhours.

Kentucky company as a whole had worked 1,759,547 manhours before June 21, a record for the company. Since then manhours have totaled 395,206.

Kingsport's last disabling injury was on November 6, 1954 and since then company employees have worked 515,021 manhours.

Beckley Wins

Beckley district has been declared winner of the annual Appalachian safety contest by accumulating more consecutive manhours during the year without a disabling injury than any other group. Beckley employees worked 330,737 manhours to win the award.

Several other groups had spotless records for the year and will receive certificates recognizing them for this achievement. They include the Welch, Lynchburg, Logan and Fieldale districts, Kanawha Valley Power Company, Kanawha River, Logan and Radford Arsenal plants, and these system departments: accounting, station, operating, real estate, meter and transmission line.

Some New Records

Several records fell during 1956 in Appalachian. The company as a whole reached the coveted million manhour mark three times—this mark had never been reached before 1956 by Appalachian.

Three districts also reached a million manhours—Roanoke, Lynchburg and Logan. A disabling injury December 21 finally broke Pulaski's string of manhours, but not before the district had run up the longest consecutive manhour record in Appalachian history. Pulaski district employees worked 1,528,500 manhours beginning September 17, 1953.

Another record was set in Appalachian when Kanawha River plant ran its consecutive manhours up to 755,810 by December 31. This is the highest number of manhours any major Appalachian steam plant has been able to accumulate. Cabin Creek built up to 741,915 manhours in

(See Safety Records, Page 3)

Help Sent Areas Crippled By Record Floods

Floods left many areas of Kentucky and Appalachian crippled late last month. Trouble started rising along with the rivers on Tuesday, January 29, after hard rains beat down on the entire area for several days.

Record water levels were being reported as "The Illuminator" went to press. Hazard, Pikeville and Williamson were especially hard hit. People along the small streams suddenly found themselves fleeing from rivers on the rampage.

Help was being sent to the worst-hit areas as other towns started looking about to find out how much damage there was. Early estimates put damage to businesses and citizens into millions of dollars.

Emergency aid to stricken areas was being rushed in by the Red Cross, National Guard, Army, life saving crews, chambers of commerce and other groups. The water supply of many locations was contaminated. Many communities were virtually isolated from all outside contact as bridges washed out and roads were covered.

The situation at a glance on January 30 was:

Hazard was cut off from the outside without electricity or communications. Word had been received that downtown Hazard was a "shambles." A 3-man crew from Ashland district of Paul Lumbard, Ewing Snodgrass and Bill McKinney were on their way to Hazard with portable radio equipment, including a generator. They were to send out information.

Pikeville's troubles multiplied when the debris started packing up at a bridge and diverted the river straight into town. Williamson had deep water in the downtown area. Three-fourths of the business section was under water and Sprigg station was completely flooded. It had to be by-passed.

Help started toward the Kentucky areas on the morning of January 30. An oil circuit breaker crew headed for Hazard, a transformer crew for Sprigg and a relay crew for Hazard. All were from system. That afternoon, a 7-man line crew and five 3-men service crews from Bluefield division headed for Hazard.

From Charleston, two line crews and a station crew left that afternoon for Pikeville. A communication's man with portable 2.5 kw generator left for Hazard. From Ashland, an oil circuit breaker crew and line crew were dispatched about the same time for Hazard. Two service crews were to leave January 31, from Kingsport for Hazard, equipped with water supplies and sleeping equipment.

Other men were being made available at points in the Southern Properties if the need arose. Need for more information on the damage was acute.

Logan Plant was hard hit as the Guyandot River 28-foot crest made it the worst flood ever to hit Logan—3 feet higher than any on record. Despite efforts to stop the flow, water washed over the switchyard and started flooding the plant basement. Some units were taken off Tuesday afternoon and the entire plant shut down just before midnight Tuesday. Water on the east end of the boiler room was 8 feet up on the wall.

Men working at Logan plant had to use boats to get in and out. About 80 motors lay submerged in the basement. Repairs will take an estimated two weeks.

Kanawha River plant, which finally lost both units because

trash and debris blocked the intake, was expected to have both units back on the line within one or two days.

Flood waters almost completely covered the site of the new Clinch River plant. The foot bridge across the river washed out Monday. Workers were hauled to the plant site on the railroad in an attempt to sandbag around the plant foundation area. They were unsuccessful as the waters rose rapidly.

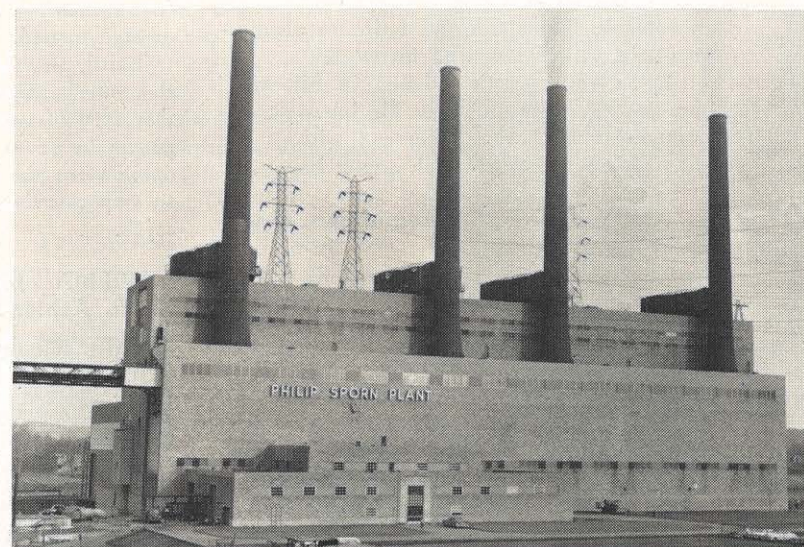
Water levels on the main streets of many towns varied in reports from 8 to 17 feet. Most depths were measured in terms of the main streets because many rivers rose over 20 feet above normal flow.

Cleveland in the Abingdon district had 5 feet of water in downtown streets, while Pound had 12 feet. Most of the trouble in Abingdon district centered in Russell, Wise and Dickenson counties close on the Kentucky border.

Welch was suffering under its "worst flood since 1912" with 8 feet of water in downtown streets. Electric service was restored after short interruptions as several vaults were flooded. Grundy was especially hard hit but electric service was restored by late Tuesday afternoon. Loss of the bridge on Rt. 460 over the Levisa River hampered repair efforts.

At Bland a resort dam gave way, interrupting service in about three-fourths of the county. At least 8 houses were swept away or destroyed by the flood. Service was restored to the county that afternoon.

Repairs Complete At Sporn Plant



Six-foot high letters identifying Philip Sporn plant have been put in place as the last phase of repair work following the coal bunker explosion last July 18. The clock, 12 feet in circumference, was installed at the same time. That entire section was blown out in the explosion where four men were hurt, two seriously. Paul E. Huber and Kenneth E. Carter are recuperating at home from injuries suffered but are expected to return to work soon. The explosion damaged the laboratory, locker rooms, cafeteria, maintenance shop and store room. All internal repairs have been made except for minor finishing touches in the laboratory and locker rooms. The new plant identification and the clock are neon-lighted.

The Illuminator

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Building A Reputation

In 1956 we built a reputation to live up to, not on. Because it was a good year, it presents a real challenge to us for 1957.

We set records last year in many fields, like in safety and commercial activities. And we made some major changes in operations, like starting on IBM billing.

Reading this issue of THE ILLUMINATOR, especially the two-page annual review, brings out what a busy year 1956 really was. A lot happened, but behind all the activities lies a theme of preparation . . . preparation for 1957.

Take construction, for example. In 1956 we announced and got started on the new Clinch River plant and its 132-kv lines that will feed into the transmission networks of all three of our companies. But the bulk of the work will be done this year. A good deal of the transmission station work we talked about last year continued into 1957. The world's largest generating unit of 450,000 kw to go into Philip Sporn plant was announced last year, but work begins in 1957.

Our commercial activities last year gave dramatic proof that more and more of our customers are Living Better Electrically. All of us working together can show even more people the many real advantages of electric living.

We made safety news in 1956, with only 24 disabling injuries in the three companies. But of the 24, two were fatalities. This is a challenge each employee can face squarely, and successfully.

We did all these things in 1956 in an effort to bring our service into the homes, farms, stores and factories of our customers as efficiently and as economically as possible. And that will be our aim again this year.

Last year was a fine year. Our challenge is to make 1957 even better.

Someone Once Said

Six errors of life are: the delusion that individual advancement is made by crushing down others; the tendency to worry about a thing that cannot be changed or corrected; insisting that a thing is impossible because we ourselves have not accomplished it.

Refusal to set aside trivial preferences so that important things may be accomplished; attempting to compel others to believe and live as we do; failure to save money.

Your Opinion

IN THE SPOTLIGHT

What are the three most important factors an employee looks for in a job?

MRS. HAZEL FARRIS, Contract Entry And Final Bill Clerk, Williamson



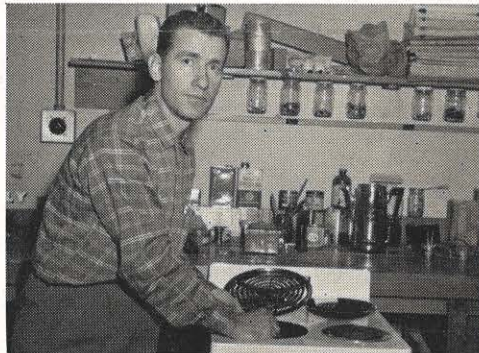
It is a universal fact that one of the most important factors an employee would consider in looking for a job would be the monetary consideration.

Skipping money, the three most important factors I look for are first, considerate bosses; second, good retirement and fully covered insurance plans; and third, pleasant working conditions and congenial fellow workers.

I work happier with good retirement to look forward to, secure in the knowledge of adequate income if I'm ill and my hospital bills, if any, will be paid.

Regarding the last factor, I find it very satisfying to work with stimulating people in a pleasant office and I'll be with the company as long as it will have me.

JAMES E. PRATER, Appliance Serviceman, Abingdon



The three most important factors an employee looks for in a job are:

Satisfaction—An employee should be satisfied with the work he is doing and should give all his effort toward his job. Doing the things that are expected of an employee and receiving recognition makes an employee content.

Security—Being free from fear and anxiety, easy in mind and, above all confident. I think any employee looks for good security.

Advancement—Anyone holding a job today should look in the future if possible and should always take the attitude and desire for advancement in his company and his work.

If an employee is satisfied in his work, has good security and does his job well, advancement will come along and with it the financial advancement which is most important.

ANDY SKELTON, Groundman, Kingsport



In determining the factors for a job, an employee should ask himself the question: Is the job right for me? A misfit employee is certainly of little value to a company. Is it the work I am best suited for? Each one

of us is definitely more capable of performing certain types of work.

Then again, what security do I have in the job if I do it to the best of my ability? Another thought would be is the pay in line with the amount of work the job requires? In addition, what benefits are offered—such as insurances, retirement benefits, sick pay and vacations.

MARY JANE SAYRE, Clerk-Stenographer, Philip Sporn Plant



A job I enjoy doing, is one that I am capable of doing. If we have abilities in some particular type of work I think we should look for a job that further develops these abilities; therefore I think I would look for a job that I would qualify for, and one that I liked to do.

Surroundings and environment—One that has pleasant, respectful surroundings; fellow workers that are friendly and cooperative.

Job security—A job with a future, one that will enable me to plan ahead, that offers advancement when I am ready for it. One that has an hourly rate of pay that will enable me to meet the cost of living.

WESLEY L. WALKER, Groundman, Beckley



The first important factor in looking for a job would be security. If an employee feels he has security, then he is more settled and willing to work at his job.

Second would be a future—if a job has a future, then you would feel you have something to work toward.

Third, an employee should look and think about the surroundings of a job. Will he like that type of work? Also, would he like the people he is to work with? These, in my opinion are the three most important factors an employee should look for when looking for a job.

WILMA JEAN FRAZIER, Contract Clerk, Ashland



In my opinion, working conditions would be one factor. Working for a company that is well liked and understood by the community

it serves—working conditions in a company of this nature would be more pleasant; therefore making the job seem easier.

Satisfactory pay would come next. Everyone is looking for pay that would provide a reasonable living and at the same time allow some form of saving.

Insurance benefits and retirement plan would be important. It would mean security in later years for the employee and his family. Also chances for advancement are important. This would allow for an increase in earnings and different fields of interest and progress.

I would say that these things are what most people would look for in a job.

E. F. JOHNSTON, Administrative Assistant, System Operating



The three primary factors that an employee desires in a job are security, recognition and self-expression.

He wants security in the knowledge that he can plan for the future without anxiety about loss of the job and being able to provide the best living conditions for his family within the limitations of his earning capabilities.

Recognition for work well done by receiving a pat on the back will develop his individual initiative and prepare him to accept necessary criticism without resentment and knowing that promotional advancement is available as he develops in job knowledge and experience.

He wants self-expression or the privilege of developing and creating new and more efficient methods of doing the job within the normal limitations of company procedures.

February Reminder

February is our shortest month, but in many ways it holds more for us as Americans than any other.

Many Americans who became world-famous in their fields were born in February—men like Thomas A. Edison, "Buffalo Bill" Cody, Horace Greeley, Victor Herbert.

Two other men who were born this month gained fame as presidents of the United States. George Washington and Abraham Lincoln set the pattern for freedom and the "American Way" in their lives and leadership.

Perhaps more than anything else, their background points out the true meaning of democracy—equal rights and equal opportunity. Washington was a wealthy man, often paying his soldiers and accepting no pay for leading the Continental Army. Lincoln, on the other hand, was a poor man all the years before he entered the White House. And even then his salary as president was spent for the future security of his family.

These two men, one of them among the wealthiest of his time and the other poor most of his life, took hold of their opportunity. Such freedom of opportunity is one of the things that has made America great.

Major Step Completed

Tunnel Connected To New Glen Lyn Unit

Another major step has been taken in the completion of the new 225,000 kw unit at Glen Lyn plant.

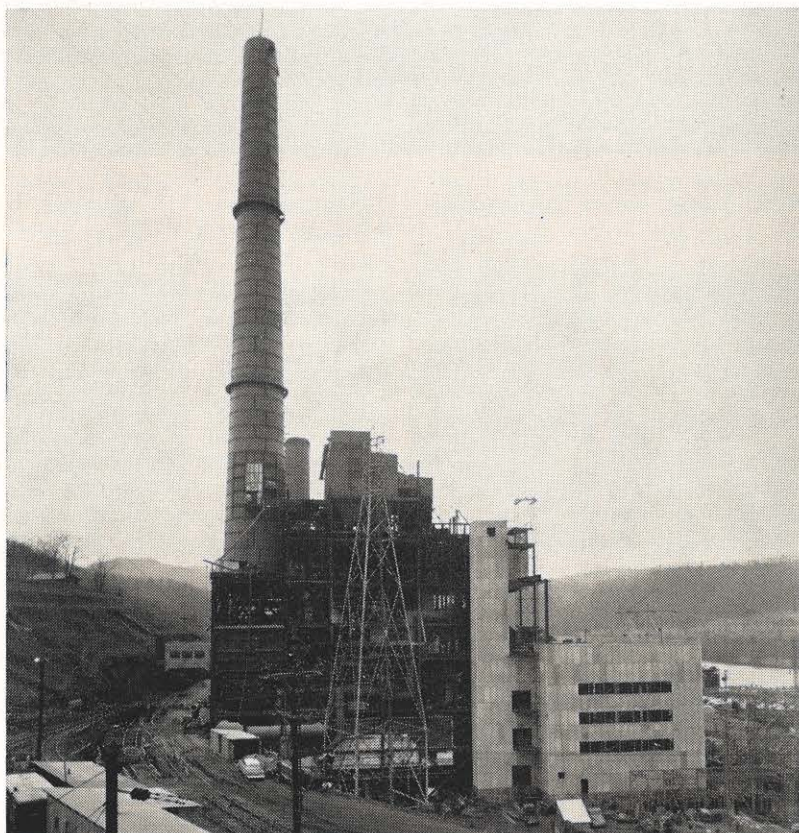
Existing intake and discharge tunnels have been connected to the low pressure machine of No. 6 unit and to the new screen house at the river. These tunnels carry water to the condenser and then back to the river. The new unit is expected to go into service in the spring.

To make the connection, workers had to remove from service the 275-pound pressure plant at Glen Lyn. The intake tunnel was originally installed in 1919 when the first unit at the plant was built. It served as an intake and discharge tunnel then but in 1923 a new discharge tunnel was built and the divided tunnel was tied together so that each side served as the intake tunnel.

All the water had to be taken out of the tunnel to connect it to the No. 6 unit condenser. A complete inspection was made and the tunnel was cleaned and minor repairs made to some of the concrete. But the tunnel was in excellent condition considering it has been in continuous use for 33 years.

During the outage for tunnel connection a complete overhaul of No.

4 turbine was made and both No. 3 and 4 generators were dismantled for inspection. Miscellaneous work was also performed on the boilers.



This is how Glen Lyn plant's new unit No. 6 looked January 11 this year. Construction is progressing rapidly and completion is slated for this spring.

Safety Records . . .

(Continued from page 1)

1945-47 before a disabling injury. Kanawha River's record started March 3, 1954 and was continuing at press time.

Challenge To Employees

H. C. Skaggs, Jr., plant manager, recently sent a letter to Kanawha River employees, congratulating them on their achievement and urging them to "strive for every day to be a perfect day."

D. C. Duncan, system safety director for Appalachian and Kingsport, commented: "Despite the fact that our record was marred by a fatality in 1956, the conscientious effort of our many employees undoubtedly prevented numerous accidents — thus making 1956 our best year for safety. It is felt that the accomplishments of 1956 will enable our employees to fully accept the challenge of 1957 and it shall be even better than '56—unmarred by a single fatality."

Baker Comments

F. M. Baker, Kentucky vice president and general manager, recently said: "Records such as these indicate alert and efficient operation in the past. Every employee in the Kentucky Power Company, I am sure, is and should be, proud of these accomplishments.

"However, they by themselves guarantee nothing for the future. Only by continuing our unceasing efforts in the cause of accident prevention can we improve our accident experience.

"1949 was the last previous year in which a fatality occurred on the Kentucky property. As regrettable as these sad occasions are, it is encouraging to note that our safety program has succeeded in stretching out the work period between these most serious of all accidents. No year in which a fatality occurs can be considered a successful year in accident prevention —no matter how many accident-free hours precede its occurrence. And so in spite of our progress, 1956 falls short of being a successful year safety-wise.

"May 1957 be successful in every respect."



L. E. Turner, Glen Lyn plant manager, was photographed recently at the same spot in the plant tunnel where a similar picture was made in 1923. He was the last one out of the tunnel that year before water was allowed in. The tunnel had been in continuous use until recently.

Makes Present



James Cook, Bluefield office building supervisor, puts the finishing touches on the radio-phonograph combination that he built for his little niece for Christmas. Jim, known around the office as the man who can do anything, ordered the radio and record player chassis. He then built the cabinet and assembled the combination in his home work shop. Total cost for materials: \$42.50.

Preliminary Permit For Smith Mountain Dam Issued By FPC

Appalachian has received a preliminary permit for Smith Mountain Dam on Roanoke River about 40 miles downstream from Roanoke.

The permit is a preliminary step to protect Appalachian's interest while it is compiling the necessary technical data prior to final determination of actual construction. An access road has been built into the dam site and a drilling company is now making core drillings at the site which lies between two mountains.

The estimated \$20 million dam will be about 200 feet high in a gap of Smith Mountain. The powerhouse is expected to have a capacity of 60,000 kw.

Use Of Regulator Topic Of Point Pleasant Meet

A demonstration sponsored by Allis-Chalmers was recently attended by 35 Point Pleasant employees.

Coming from line crews, engineering and meter departments, the employees were instructed in the use of the step-type feeder voltage regulator. Charts and a model were used by Allis-Chalmers men.

Charleston And Williamson Lead Appalachian Sales

Charleston division and Williamson district led the way during Appalachian's 1956 residential and commercial-industrial sales campaigns.

Charleston won the combined unit, water heater and resistance heating parts of the residential campaign and the combined units section of the C-I campaign. Williamson led all the rest of the districts in the combined unit sales of the residential campaign.

Huntington division was tops in the kilowatt-hour contest of residential, while Bluefield division led the other three in heat pump installations, a part of the C-I campaign.

Every district and division exceeded 100 per cent of quota in the residential campaign in sales of ranges, water heaters and dryers and kilowatt-hour gain. And every division exceeded 100 per cent in the C-I campaign in lighting, cooking, heating and air conditioning-ventilation.

Here is the way they finished in the campaigns:

Residential

Combined units — Williamson, Logan, Point Pleasant, Beckley and Bluefield in that order among the districts; Charleston, Huntington, Bluefield and Roanoke among the divisions.

Kilowatt-hours—Huntington, Bluefield, Charleston and Roanoke among the divisions.

Water Heater—Charleston, Huntington, Roanoke and Bluefield among the divisions.

Residential Resistance Heating—Charleston, Roanoke, Huntington and Bluefield among the divisions.

Commercial-Industrial

Overall — Charleston, Roanoke, Bluefield and Huntington among the divisions.

Heat Pump—Bluefield, Roanoke, Huntington and Charleston among the divisions.

Bluefield Woman First To Serve On Jury Duty

Norma Jean Longanacre, Bluefield petty cash clerk, was one of the first women jurors to serve in West Virginia and the first Appalachian woman juror in the State.



Miss Longanacre

She voted for her first time in the November election, also voting for an amendment to the state Constitution which would allow women to serve on juries. Norma Jean was not surprised when

the amendment passed, but she was plenty surprised when she got a call from the local newspaper—informed her she had been drawn for service on the Federal Petit Jury.

The first ten women's names in the state were drawn in December for the January term of the U. S. District Court in Bluefield.

Promotional Program For 1957 Kicked Off

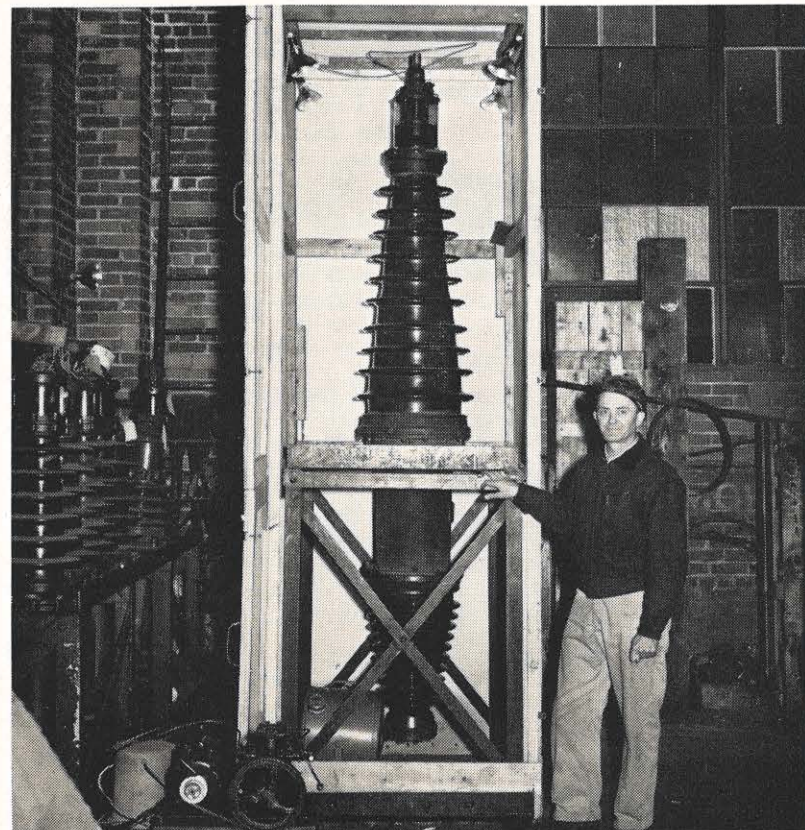
A new sales promotional program has been kicked off by Appalachian and its Modern Electric Living Dealers.

In meetings all over the company, appliance dealers and dealer salesmen were introduced to "It's A Good Deal For Modern Electric Living Dealers". The company works closely with these dealers in promoting the use of electric appliances.

Among the more unusual methods of presenting the program to dealers during January were the Pulaski and Roanoke meetings. At Pulaski A. E. "Red" Lemons, dealer sales representative, dressed in an authentic Mississippi River boat gambler's costume, signifying it truly was "a good deal" for everyone.

And in Roanoke five young models were used to carry display cards listing the five major points of the program.

Idea Pays Off At Logan Plant



Six times during 1956 the work simplification program at Logan plant paid off. One of the six time or money-saving ideas adopted during the year was submitted by Joseph J. Pearl, electrical maintenance mechanic. Mr. Pearl is shown here with the apparatus he designed for dehydrating high voltage bushings—getting unwanted moisture out of them. Formerly the bushings were crated and taken by truck 70 miles away to a repair shop since the plant did not have the necessary facilities. This was both costly and time consuming, so Mr. Pearl designed this rig. It is made from a standard bushing rack covered with a half-inch of insulation and a door on hinges. It uses an electric blower type heater and a vacuum pump. With the heater going and the vacuum pump going, the bushing is subjected to the necessary temperature and vacuum. Dehydration is accomplished in about 130 hours.



Huntington District

New employees include Othea Jean Thacker and Martha Lynn Fowler, system billing; and Virginia B. Geer, accounting.

Deloris Jones and June Dean have resigned from system billing.

Three employees' pictures have appeared in the *Herald-Advertiser* as recent selections for that paper's "Office Pin-Ups" section. They include Sue Ward, billing; Lorene Hardwick, accounting; and Shirley Adams, AGE lab.

Williamson District

Mr. and Mrs. J. L. Gilbert entertained the employees of the accounting department and their guests at a party recently in their home.

Mr. and Mrs. C. C. Darrah recently held open house for employees and their guests.

Sympathy is extended G. F. Spitzer, retired employee, on the death of his sister and Lorraine Corea, accounting, on the death of her uncle.

Sympathy is extended Jack Riddle, engineering section, on the death of his mother and father and Hazel Farris on the death of her father.

Logan Plant

Mr. and Mrs. J. R. Blankenship entertained a number of plant employees and their wives at a New Year's Eve party.

C. M. Blevins, guard, and Opie Pridemore, plant janitor, have returned to work after recent illnesses.

A. J. Conley, auxiliary equipment operator and Mayor of Chapmanville, is heading the 1957 March of Dimes campaign in that city.

W. W. Dalley, mechanical maintenance helper, has been elected Sunday School superintendent and his wife was elected assistant teacher of the intermediate Sunday School class of the Church of Christ at Chapmanville.

Private Lee R. McAbee, son of George McAbee, mechanical maintenance mechanic, has been selected as "the outstanding trainee of Group X, Reserve Forces Act Personnel, completing training in December, 1956."



Fieldale District

Linwood A. Stone, Jr., local accounting, is a new employee.

Employees who have resigned include Claude L. Webster, Jr. and George K. Williams, T&D.

Lynchburg District

Harry L. Candler, agricultural sales engineer, has been elected vice chairman of the City Planning Commission.

New employees include George E. Elder, Reusens hydro maintenance mechanic; and Ashby R. Hodges, Jr., Reusens hydro maintenance helper.

Sympathy is extended James R. Dorman, meterman, on the death of his father.

W. R. Worley, Jr., hydro maintenance man, and W. E. Henderson, area sales representative, have resigned.

Roanoke District

R. O. Ragland, draftsman; H. A. Campbell, groundman; and C. E. Smith, office messenger are new em-

ployees.

R. J. Jarrett, power sales engineer, has been elected junior deacon in Lakeland Masonic Lodge No. 190.

J. B. Butler, retired garage attendant, has been elected vice president of the Hunton Life Saving and First Aid Crew.

Mrs. R. A. Oliver, wife of the T&D clerk, was the January safety slogan of the month winner.

S. E. Murray, meterman, recently completed an industrial electrical engineering correspondence course.

J. E. Jones, division area development representative and chairman of the Roanoke 1957 March of Dimes campaign, has appointed J. R. Davenport, business trainee, and J. R. Watkins, general serviceman, to assist him in the campaign.

M. G. Covey, electrical engineer, has been elected president of the Berean Men's Class of the First Baptist Church.

Sympathy is extended C. B. Comer, record supervisor, on the death of his wife.

System

Among the new employees are Larry J. King, Sporn station; and William R. Ogden, co-op student engineer in Roanoke.

W. T. Goodloe, system transmission records supervisor in Bluefield, has returned to work after an absence of three months due to a fractured vertebrae.

Kyle B. Shelton, system engineering aide in Bluefield, has returned to work after being off two months with virus pneumonia.

Sympathy is extended Mr. and Mrs. T. D. Old, Roanoke system station department, on the loss of her father.



Abingdon District

Paul S. Dunn, administrative assistant, attended the Capitol District Kiwanis Convention in Richmond as vice president of the Abingdon club.

Peggy J. Gilmer, Lebanon office cashier clerk, has resigned.

A. D. Rosenbalm, lineman, is recuperating from a major operation.

Calvin M. Jackson, area supervisor for Dickenson County, has been elected to the board of directors of the Clintwood Kiwanis Club.

Employees of Dickenson County and their families recently attended a steak supper after which they visited the all-electric home in Clintwood.

Welch District

Richard H. Ruff, power sales engineer, was a recent guest speaker at the Bluefield Lions Club.

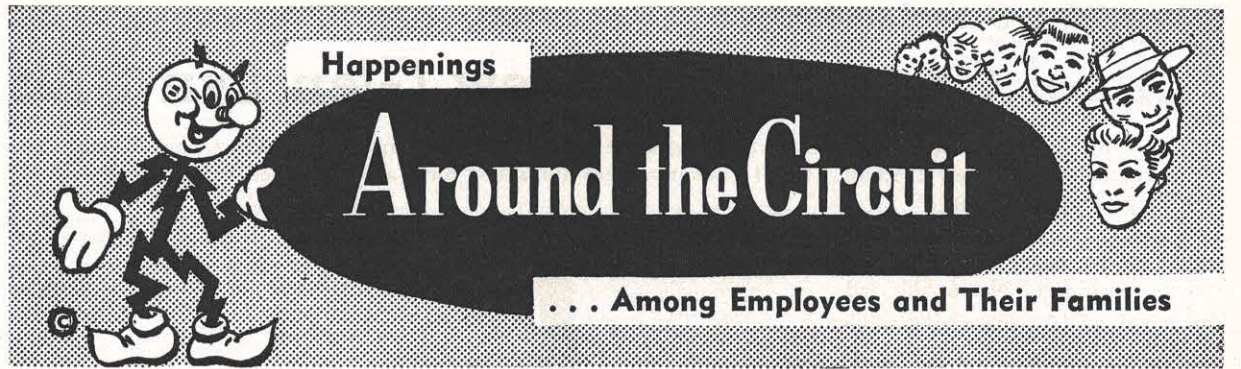
M. Guineline Mitchell, general clerk, was presented the Welch district award for turning in the most news for THE ILLUMINATOR for the year 1956.

New employees are Sallie L. Sutherland, commercial clerk; and

Appalachian Now Serving Two More Communities

Appalachian is now serving 700 new customers in Coalwood and Caretta of the Welch district.

The company has purchased electrical distribution facilities which served these customers from the Olga Coal Company. Load study and surveys have been made on each customer and new stations and lines have gone in to meet the present requirements of these customers. More work is planned.



Willie Young, service building janitor.

Imogene A. Chapman, commercial clerk, has resigned.

James Bailey, Pocahontas meter reader, has returned to work after an illness of three weeks.

Bluefield District

Francis E. McCloskey, electrical engineer, has returned from a six-month military leave.

Sympathy is extended H. B. Boyd on the death of his mother and W. F. Farris on the death of his mother.

Sympathy is also extended Charles Hedrick on the death of his mother.

Pulaski District

E. Lane Whitley, commercial manager, has been elected to the board of directors of the Pulaski YMCA.

Mrs. T. A. MacLeod, wife of the Pulaski stationman, has been appointed treasurer of the Dublin Band Boosters' Club.

Mrs. Opal M. Newland, engineering section stenographer and wife of the district personnel supervisor, is recuperating at home after major surgery.

Sinclair A. Dewey, power sales engineer, has been named a deacon at the Pulaski First Presbyterian Church.

Sympathy is extended Richard C. Nickols, working foreman, and J. B. Nickols, meter serviceman, on the death of their mother.

Gail F. Skiba is the new home economist in the Pulaski office.

Charles P. Bailey, electrical engineer, has been reappointed to the Town of Pulaski planning committee for another 5-year term.

Mrs. Betty Thompson, wife of the Claytor hydro operator, received the Lions' Club certificate of award and a \$25 savings bond as the December safe driver of the month.

Harry Rhett, young Boy Scout injured at Victory Stadium in Roanoke last May, underwent a second major operation following Christmas for the removal of a bolt from the lung. He is improving rapidly. Young Rhett is the son of C. H. Rhett, engineering aide.



Beckley District

Mrs. P. E. Pauley, wife of the records supervisor, was elected president of the Xi Alpha Delta chapter of the Beta Sigma Phi sorority in Beckley.

Jack C. Keaton, T&D station section, has undergone back surgery in Johns Hopkins Hospital and is expected to be off from work several weeks.

These employees have been appointed to committees on the Pilot Community Rural Development Program of Raleigh County sponsored by U. S. Department of Agriculture: recreation committee, W. E. Zopp; health and nutrition committee, Dorothy Barker and Jennie Gaziano; rural community improvements committee, P. W. Burks; and new industry committee, E. F. Eager.

New employees are Virginia I. Brooks and Alma J. Dodd, engineering; and Alice J. Ballard, accounting.

Mrs. John Hammer, wife of the district personnel supervisor, was elected corresponding secretary of the Beckley Jayettes.

G. E. Tucker and W. D. Ward, T&D line section, are recuperating at home after lengthy illnesses. Mr. Tucker has been off two months with sinus and skin disease and Mr. Ward has been ill a month with a back ailment.

Employees resigning include Ann R. Lilly, engineering; and Joyce Kosnoski and Phyllis Brewster, accounting.

Mrs. B. B. Corker, wife of the district supervising engineer, was elected secretary of the Sunday School at the Beckley Presbyterian Church.

Sympathy is extended John M. Gates and E. C. Robertson on the death of their fathers-in-law, and Roland M. Witt on the death of his brother.

Point Pleasant District

M. C. Clark, line and station supervisor, was re-elected to the Point Pleasant Kiwanis Club Board of Directors.

Members of the accounting and managerial departments attended a dinner prepared by Ann Bartlett, home economist, at the Ravenwood all-electric home given in honor of Mary L. Walker, who has resigned.

Stephen, son of B. N. Thomas, heating and builder sales representative, is recuperating at home after recent chest surgery.

J. A. Ferrell, administrative assistant, has returned to work after recent hospitalization and Lorain Crump, lineman, and Carol Roush, clerk, have also returned after illnesses.

Betty, wife of J. L. Darby, agricultural engineer, has returned home after extended illness.

Philip Sporn Plant

Clayton E. Athey, master maintenance man, and Hubert L. Forbus, maintenance helper, have resigned.

Samuel E. Holliday, maintenance man, is away from work due to a home workshop injury.

The home of Paul D. Nease, auxiliary equipment operator, won the sweepstake prize for the best Christmas decoration as well as first prize in over all religious decorations in a contest sponsored by the New Haven Garden Club.

Charleston District

Billy L. Chase, groundman, T&D line section, has returned to work after serving two years with the Army.

Among the new employees are Harold L. Monk, T&D line section; Barbara Thabet, commercial; Charles R. Gibbs, engineering; Cecil K. Herold, station; and Besie A. Hill, personnel.

John C. Frazier attended the A. S. E. meeting in Huntington.

B. H. Blizzard, retired line foreman, is recuperating in the hospital after suffering a heart attack Christmas day.

Resignations include William A. Dunn, North Charleston service building janitor; and John Bobersky,

Jr., meter section.

Basil L. Sharp, accounting department meter reader, was elected guardian of the International Association of Firefighters.

Charlie Caruthers, meter section, took part in the inaugural parade of West Virginia's new governor as a member of that state's National Guard.

Sympathy is extended Lenzie Hedrick, electrical engineer, on the death of his wife, who was killed recently in an auto accident.



Adele Williams, accounting, has been elected lodge deputy president and appointed inside guardian of the Kingsport Rebekah Lodge No. 17, Independent Order of Oddfellows.

Sympathy is extended Howard G. Brooks, lineman, on the death of his father, and William L. Collins, meter service helper, on the death of his mother.

Sympathy is also extended Rufus E. Wells, station man, on the death of his mother.

Keene White, assistant payroll supervisor, will be chairman of the third annual Kingsport Section of the Appalachian Preaching Mission. Frank Umberger, assistant local office manager, will be usher chairman.

C. E. Holyoke, supervising engineer, was elected to the executive committee of the Kingsport Mutual Aid Council.



Hazard District

Woodrow W. Fugate, radio engineer, has returned from Chicago where he completed a two-way radio refresher course at the Motorola Radio Factory School.

Sympathy is extended H. F. Charles on the death of his uncle.

Pikeville District

Ed Marrs, retired employee, visited with employees in the Pikeville office.

Bill Barnett, district personnel supervisor, was elected for his fourth year as captain of the El Hasa Shrine Patrol, Big Sandy Division.

Bernard Little is a new stationman helper at Beaver Creek station.

Leon Huffman, R/w agent, was elected as secretary-treasurer of the John Creek Boosters Club.

Sympathy is extended Ruth Wells, accounting clerk, on the death of her father, and Juanita Wakeland, accounting clerk, on the death of her father.

Ashland District

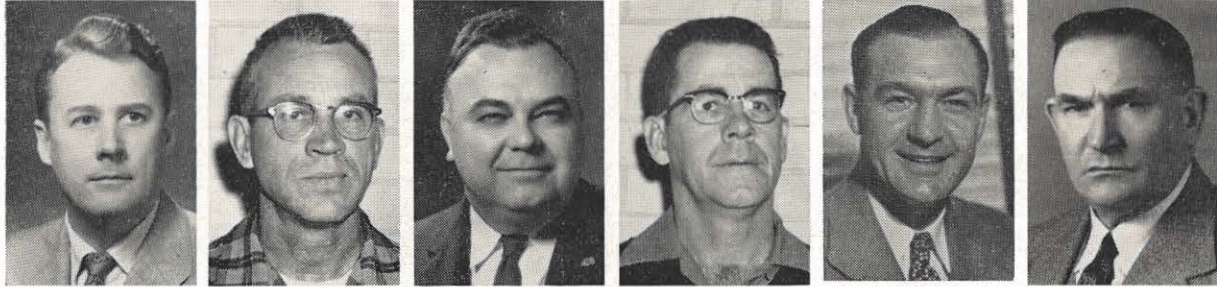
Richard C. Buyalos is a new employee in the local office.

G. C. Kleykamp, general accounting office, has resigned.

Many Veterans Receive Service Pins



W. A. McClain Charleston 30 Years
J. W. Layne Charleston 30 Years
Virgil L. Brewer Ashland 30 Years
F. M. Jennings Ashland 25 Years
Ray E. Sheets Pulaski 20 Years
H. B. Newland Pulaski 20 Years



C. H. Rhett Pulaski 20 Years
C. R. Holdren Pulaski 20 Years
R. J. Blair Pulaski 20 Years
W. T. McGraw Pulaski 20 Years
C. K. Kirkland Abingdon 20 Years
I. G. Coley Abingdon 20 Years



D. V. Armstrong System 20 Years
J. I. Gilbert, Jr. System 20 Years
Lina P. Light Bluefield 20 Years
P. V. Kelsey Bluefield 20 Years
Ray C. Heldreth Bluefield 20 Years
W. J. Gillespie, Jr. Bluefield 20 Years



Ralph Hale Welch 20 Years
R. M. Witt Beckley 20 Years
E. F. Wright Beckley 20 Years

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



Growing Popularity: A manufacturer predicts that about one of every six new homes built in 1965 will be weather-conditioned by heat pumps. This would mean sales of 210,000 heat pumps (85% residential) for one-sixth of expected housing starts that year.

No Mo' Snow: Electrically heated sidewalks are finding favor with stores and commercial houses. The heat is turned on only when it starts to snow. The result is that the snow melts about as fast as it comes down.

Colorful Sales: National Broadcasting Company predicts 12 million color TV sets will be in service by 1960. Figuring 400 watts per set in use for a conservative 400 hours a year, this would mean added yearly utility power sales of 1.9 billion kwhr.

Power For Progress: Use of electricity in average industrial plants has been doubling about every 15 years.

How Much Per Pound? When an *Electrical World* editor learned that a kilowatt-hour weighed 4x10⁻⁷ lb., it started him figuring. The result: there are 2½ million kilowatt-hours to the pound. If they were sold by weight one pound would cost \$75,000, based on 3¢-kilowatt-hours.

Timetable Task: In buying power plant equipment, the policy isn't "cash and carry" but "order and wait." It takes 12 to 20 months to get structural steel, 18 to 24 months to get a steam generator (boiler), 24 months to get a turbine-generator, and 6 to 12 months to get a power transformer.



Appalachian Electric Power Company

Abingdon District—20 YEARS: I. G. COLEY, area sales representative; CLAUD K. KIRKLAND, district manager; 10 YEARS: W. H. COE, lineman; H. S. FOGLEMAN, T&D clerk; T. J. OVERBAY, lineman.

Beckley District—20 YEARS: R. M. WITT, electrical engineer; ELMER F. WRIGHT, draftsman; 10 YEARS: KYLE ELLISON, electrical engineer; 5 YEARS: D. H. WILLIAMS, T&D clerk.

Bluefield District—20 YEARS: LINA P. LIGHT, division private secretary; P. V. KELSEY, division commercial manager; W. J. GILLESPIE, JR., district manager; RAY C. HELDRETH, dealer sales representative; 10 YEARS: CECIL A. RHUDY, area serviceman.

Charleston District—30 YEARS: JOHN W. LAYNE, heating and builder sales representative; WILLIAM A. McCLAIN, truck driver-groundman; 15 YEARS: BEULAH JOHNSON, stenographer; 10 YEARS: RALPH O. WOODS, meter serviceman; C. W. DAVIS, collector; SAMUEL J. DUNN, lineman; PAUL D. HULL, lineman; DOUGLAS F. PURVIS, engineering aide.

Fieldale District—10 YEARS: T. J. SHELTON, lineman; R. M. MARTIN, lineman.

Glen Lyn Plant—15 YEARS: L. S. ELLISON, boiler operator; 5 YEARS: M. H. LEONARD, guard.

Huntington District—15 YEARS: EDGAR B. NORRIS, meter serviceman; 5 YEARS: BETTY S. HUTCHISON, clerk-stenographer; REBA KING, stenographer.

Logan Plant—15 YEARS: S. M. HAINOR, mechanical maintenance helper.

Lynchburg District—5 YEARS: ALONZA J. DAVIS, janitor.

Point Pleasant District—15 YEARS: L. I. ROUSH, lineman.

Pulaski District—20 YEARS: C. R. HOLDREN, hydro maintenance mechanic; H. B. NEWLAND, district personnel supervisor; W. T. MCGRAW, hydro operator; R. E. SHEETS, working foreman; R. J. BLAIR, district residential and rural sales supervisor; C. H. RHETT, engineering aide; 10 YEARS: H. L. MOREHEAD, engineering aide; J. H. BROOKS, truck driver-groundman; E. E. FANNING, meterman.

Roanoke District—35 YEARS: L. FRANCES THURMAN, T&D clerk; 10 YEARS: J. P. DOSS, lineman; S. F. PLYBON, meter serviceman; 5 YEARS: ESSIE I. EDWARDS, cashier-clerk.

Philip Sporn Plant—10 YEARS: DONALD C. BROWN, chief chemist; 5 YEARS: SHIRLEY E. HESSON, maintenance man; GERALD E. CLARK, maintenance man.

System—35 YEARS: P. T. SMITH, system chief draftsman; 20 YEARS: J. I. GILBERT, JR., system R/w agent; D. V. ARMSTRONG, joint pole use supervisor; 10 YEARS: ALLIE W. CALDWELL, accounting machine operator-clerk; VONICE C. GISH, secretarial-stenographer; W. L. SUTOR, general bookkeeper; JUANITA M. CROMER, payroll clerk, Radford Arsenal; 5 YEARS: C. P. CLOWER, contractual construction contract clerk; FRED M. ROYAL, boiler operator, Radford Arsenal; GARNETT R. WOOLWINE, boiler operator, Radford Arsenal; JACK W. FARLEY, engineering aide.

Welch District—20 YEARS: RALPH HALE, area sales representative.

Kentucky Power Company

Ashland District—30 YEARS: VIRGIL L. BREWER, draftsman; 25 YEARS: F. M. JENNINGS, purchasing agent; 15 YEARS: DONALD C. KEYSER, assistant invoice and accounts payable supervisor; 10 YEARS: WALTER L. LEMASTER, PBX operator; EDDIE STEWART, material clerk.

Hazard District—10 YEARS: C. A. ZOELLERS, commercial manager; CARL LEE MADDEN, meterman.

Pikeville District—10 YEARS: MRS. THEDA B. CHILDERS, cashier-clerk; SHERLIE HALE, meter serviceman.

Kingsport Utilities, Inc.

10 YEARS: F. S. RUSSELL, line foreman; GORDON C. WARRICK, transportation.

Warren Pearson Gets BS Degree From I.C.S.

Warren D. Pearson became the first Bluefield employee to receive a BS degree from an extension or correspondence school. He recently was awarded his BS in electrical engineering from I.C.S.



Mr. Pearson

The power sales engineer completed more than 150 instruction units with an estimated 2,500 hours of study. This makes Warren's second degree. He already has a BS degree in agricultural engineering from Clemson College.

He came to work with the company in February 1949 at Bluefield as an agricultural engineer. He transferred to Welch district that same year and was promoted in 1951 to power sales engineer. He was transferred to Bluefield in June 1954.

Married and the father of two children, he is a member of the Methodist Church. He served as a flight engineer in the Air Force during World War II.

Had Right Blood To Save A Life

It was 10:30 on a cold, rainy night and George W. Stone, Jr., was getting ready to go to bed.

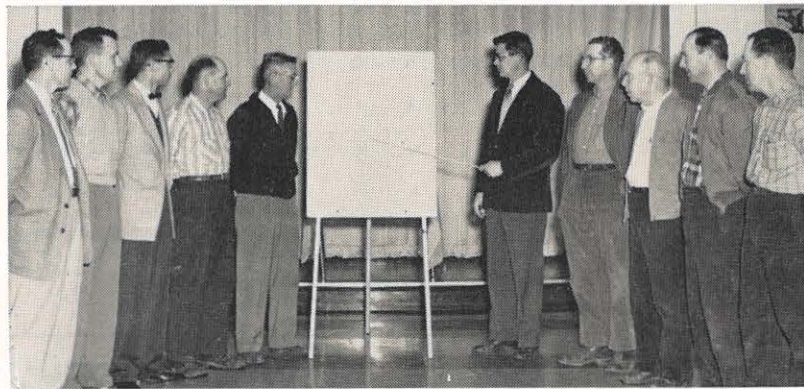
Just as the Lynchburg stores clerk started to turn off the television set the program was interrupted by an announcement saying the Lynchburg General Hospital was in urgent need of type O-positive blood for an emergency operation to save a man's life.

The announcement went on to say that the Roanoke blood bank had run short because of a bus wreck near Lexington which had killed several people and injured many others.

George didn't wait to hear any more. He was the second person to arrive at the hospital—six pints were needed and seven people came to offer their blood.

The blood given by George helped save the man's life—and at the same time made him a Gallon Club member.

Pulaskians Complete Course



Nine employees in Pulaski's engineering and substation departments have completed a special course in regulator construction, use and maintenance. Shown from left: B. B. McCall, Alvin O. Croy, Warren F. Childers, Taylor A. MacLeod, S. L. Johnson, Robert D. Carson, engineering employee who taught the course. E. W. Smith, John F. Spencer, K. M. Sharp and G. A. Brillheart. Mr. Carson is pointing to several mathematical figures too small for the camera to pick up. Besides charts like this one, film strips, slides and demonstrations accompanied lectures during the 9-hour course.

Box Score Of ALL-Electric Homes

Electric heat is being enjoyed in the following number of homes in our three-company area:

	Employees	Customers	Total
Appalachian	137	773	910
Kentucky	17	52	69
Kingsport	21	1549	1570
Total	175	2374	2549

Our Southern Properties' Companies Record Busiest And Best Year In History

Major Construction

Appalachian began construction of the \$55-million 450,000 kw Clinch River plant at Carbo in the Abingdon district. Plans were announced for location of the world's largest generating unit, 450,000 kw, at Philip Sporn plant at a cost of \$58-million. Appalachian also began surveying work for a hydro development at Smith Mountain near Roanoke, and work continued on the new 225,000 kw addition at Glen Lyn plant.

The second circuit of the Philip Sporn plant—Kanawha River plant 345,000-volt line was completed late in the year. Survey work began on the transmission system from Clinch River plant. Stations are to be enlarged at Saltville in the Pulaski district and Beaver Creek in the Pikeville district, and Hill and Fremont stations in the Abingdon district will be built. They are to be connected to the plant by 132-kv lines. Under construction is the Kingsport transmission loop, which is a part of the Clinch River network. A 132-kv line from West Kingsport station to Hill Station has been completed. A sub-transmission system was announced late in the year for the Point Pleasant district. This 66-kv system would include new stations at Leon, Ripley and Ravenswood. Installation of a 50-kva synchronous condenser and facilities began at Turner station in the Charleston district at a cost of \$1-million. Other station work included enlargement of the Elkhorn City station in the Pikeville district and the addition of a portable station in Kingsport.



Construction began on the Point Pleasant district office building. Local offices were completed at Galax (Pulaski district) and St. Albans (Charleston district) as the Pearisburg (Bluefield district) office neared completion. At year's end Lynchburg announced plans for a new service building to house district facilities.

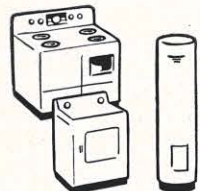
Major Promotions

1956 was a year of many major promotions in our companies. Late in December it was announced that R. E. Doyle, Jr., going to I&M as vice president and assistant general manager, would be succeeded as Kentucky vice president and general manager by F. M. Baker. Waldo S. LaFon, Beckley district manager, succeeded Mr. Baker as Kentucky assistant general manager while J. V. Mann became Beckley district manager. He was succeeded as Point Pleasant district manager by G. E. Hervey, Charleston district superintendent. Also announced late in the year was the promotion of J. A. Patterson, Logan plant manager, to manager of Clinch River plant. He was succeeded at Logan plant by P. T. Schneider, Philip Sporn plant assistant manager. Earlier, A. G. Mehlman was named Philip Sporn plant manager, and was succeeded as Cabin Creek assistant plant manager by J. A. Moore. Harold F. Rozier became system distribution engineer. J. D. Lawrence moved up to Roanoke division manager from assistant division manager, and L. E. Munday, Jr. was promoted to assistant Roanoke district manager. H. H. Kincaid was named Pikeville district manager, moving up from Kentucky administrative assistant.

Safety Records

Appalachian recorded the safest year in its history during 1956. A new low frequency rate of 2.97 was established as only 22 disabling injuries were suffered by company employees. The company also hit a million manhours without a disabling injury three times during the year. Never before had Appalachian reached the coveted million manhour mark. Logan, Lynchburg and Roanoke districts also reached a million manhours while Pulaski ran up the best single district safety record in company history, reaching 1,528,000 manhours before having a disabling injury. Pikeville district moved into its sixth year without a disabling injury, best for that company, while Kingsport completed its second consecutive year with no injuries.

Commercial Sales Activity



As AGE had its best year in commercial history, our three companies won almost every award in sight. Kentucky won the 12-month campaign and the space heating contest in Commercial-Industrial and Kingsport won the heat pump division. Appalachian was tops in the residential campaigns, winning the 12-month, the water heater, kilowatt-hour and the home heating installation divisions. Kingsport at year's end had almost 1,600 customers heating their homes electrically.

Other Important Developments

In April a 5 per cent wage increase, applied in accordance with past practices, was announced for employees of our three companies. In addition, a 4-week vacation after 25 years' service became a new employee benefit. In February the new Comprehensive Medical Plan became effective.

The IBM Type 650 Magnetic Drum Data-Processing Machine was installed in the Roanoke general office building to handle all billing accounts for our three companies. The first district customers, Roanoke, were billed in December.

A microwave system to link Roanoke and Charleston was started.

Two landmarks disappeared when the stacks came down at Kingsport's steam plant and the Walnut Avenue plant in Roanoke.

Another company veteran, the Damascus hydro in the Abingdon district, was retired early in the year.

A record peak load of 1,427,000 kw was established on the Southern Properties System November 26 at 6 p.m.

Reddy Kilowatt celebrated his third year of selling our service and our companies to the public.

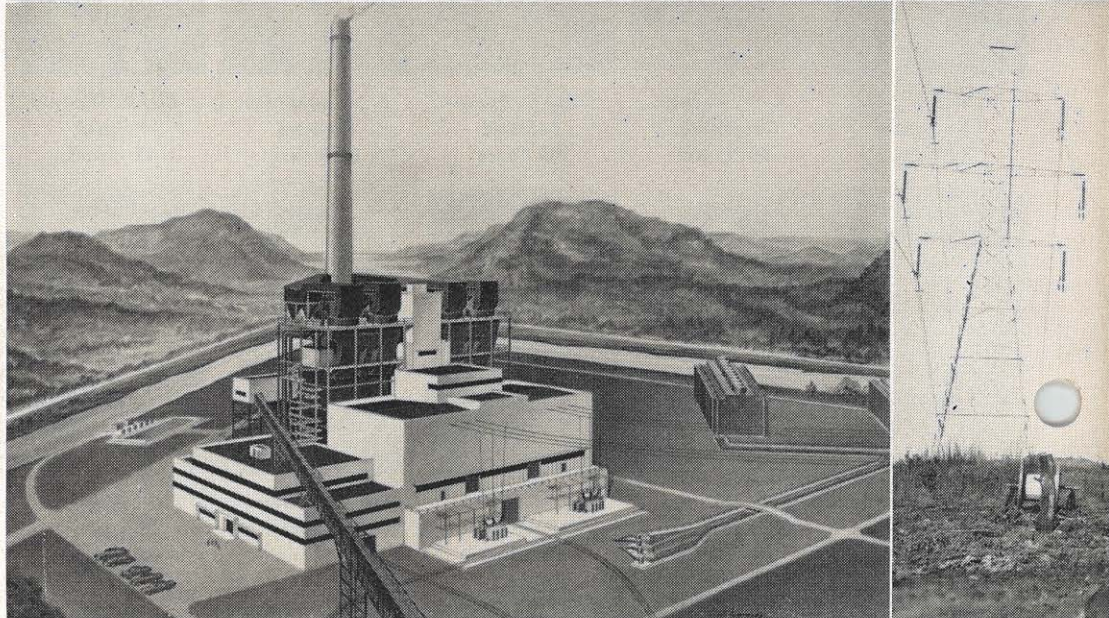
Appalachian joined the South Carolina Electric and Gas Co., Duke Power Co., Carolina Light and Power Co., and Virginia Electric and Power Co. in forming a mutual aid plan for storms and other emergencies.

Philip Sporn plant in July was ripped by an explosion caused by a fire in a coal bunker. Damage estimated at \$450,000 was caused to the front of the plant and parts of the cafeteria, locker rooms, laboratory, storeroom and machine shop.

Two new offices opened in Roanoke when system meter moved from Charleston and system load coordinating was centralized in the general office.

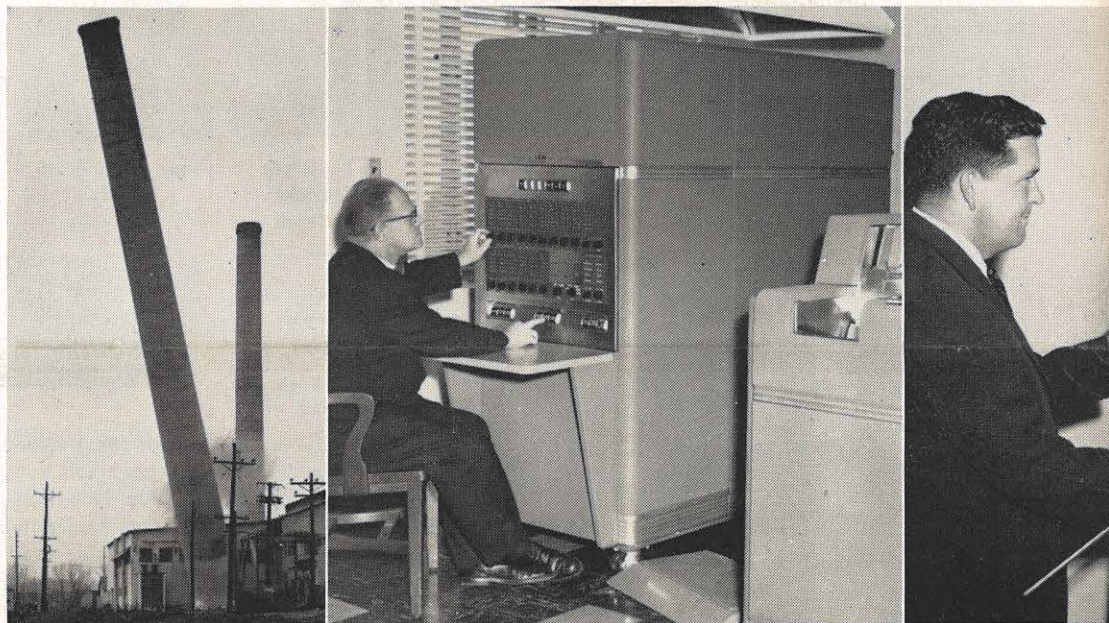
HIGHLIGHT

A Review of the Year



This artist's sketch shows how the 450,000-kw Clinch River plant will look on completion. Announced in 1956, the plant will cost an estimated \$55-million and will be connected to all three companies by 132-kv lines, for which work began in 1956. At right are the cooling towers for the plant's two 225,000-kw units.

Completed late in the year, the circuit between Kingsport and Roanoke. This picture, taken in 1956, shows the machine used to test the circuit.



An era came to an end when Kingsport's steam plant stacks were felled last year. The stacks at Roanoke's Walnut Avenue steam plant also came down and Abingdon's Damascus hydro was retired.

IBM electronic equipment was installed in Roanoke's general office building to take over billing for the three companies. Here Lawrence Ferguson, system billing supervisor, operates the console unit of the 650 data-processing machine, one of three main units. Coaxial cables connect this unit, the read-punch unit and the power unit so they operate as one.

Safety records were set in 1956. Here Dougan, Lynchburg district manager, examines the record. Lynchburg had no disabling injuries and Kentucky had the lowest frequency rate.

Appalachian Electric

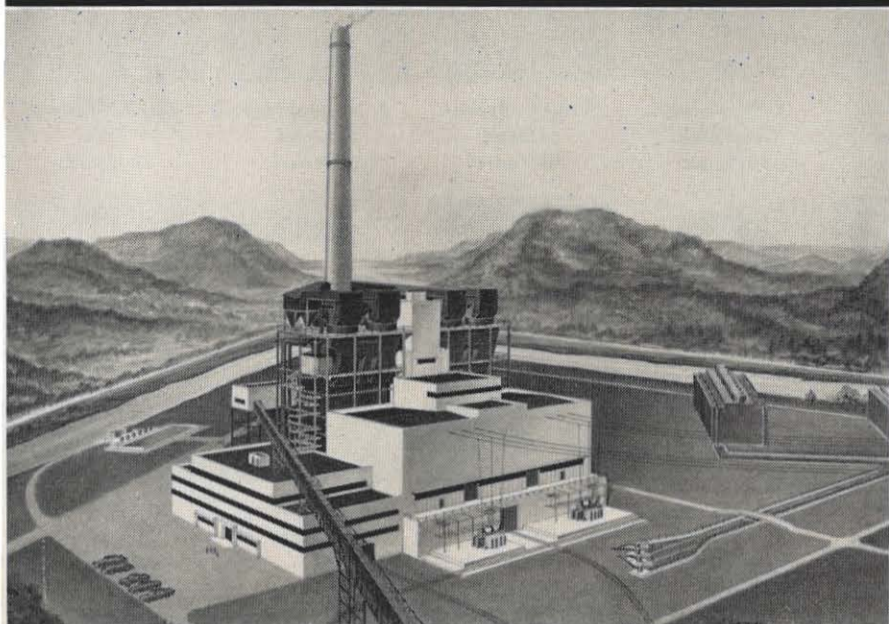
We Took In:

Electric Revenues	\$95,625,000
Residential & Rural	\$30,046,000
Commercial	10,740,000
Industrial	39,400,000
All Others	15,439,000
Other Income Net	401,000
Total	\$96,026,000

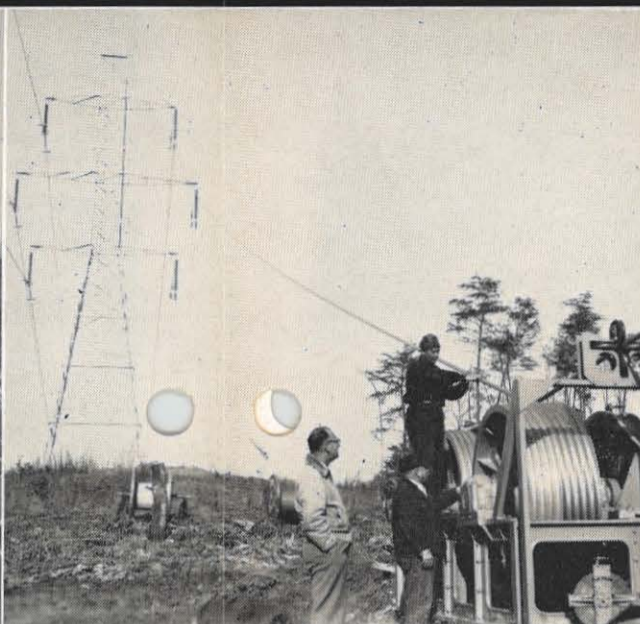
Net Income — "What We Took In" minus
 From net income is paid preferred and common stockholders with the remainder being retained for future company growth.

HIGHLIGHTS OF 1956

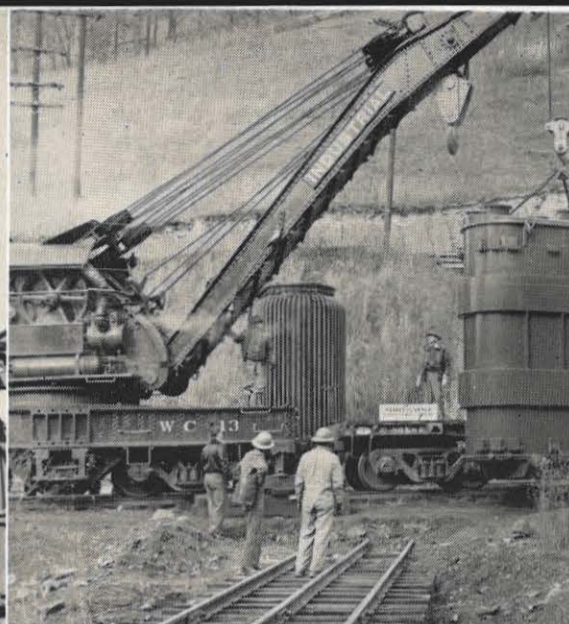
A Review of the Year's Accomplishments



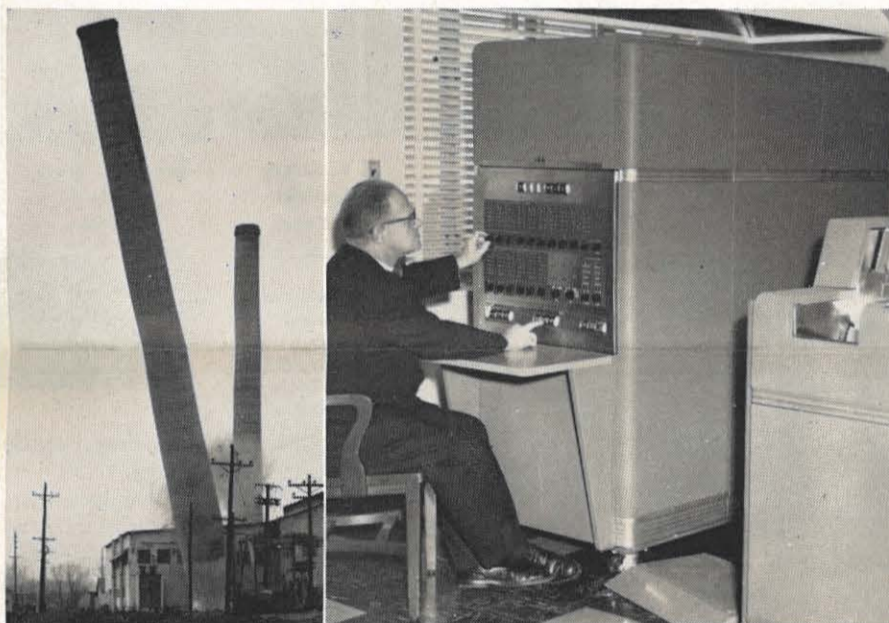
This artist's sketch shows how the 450,000-kw Clinch River plant will look on completion. Announced in 1956, the plant will cost an estimated \$55-million and will be connected to all three companies by 132-kv lines, for which work began in 1956. At right are the cooling towers for the plant's two 225,000-kw units.



Completed late last year was the second 345,000-volt circuit between Kanawha River and Philip Sporn plants. This picture, taken early in the year, shows a tension machine used to string the line.



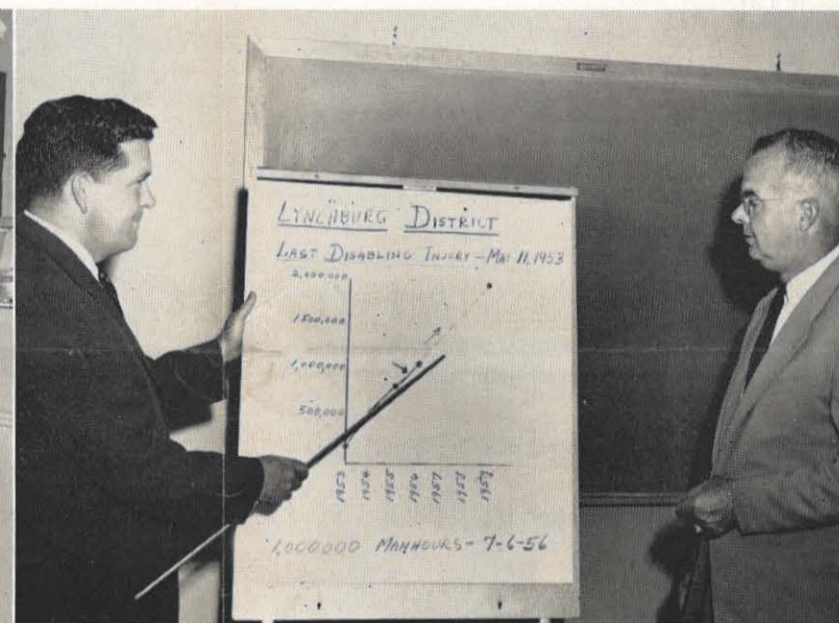
Transmission station work was a continuous thing in our companies last year. Here, a giant 20,000-kva transformer is unloaded from a railroad side car to be moved into place at the district's Elkhorn City station.



An era came to an end when Kingsport's steam plant stacks were felled last year. The stacks at Roanoke's Walnut Avenue steam plant also came down and Abingdon's Damascus hydro was retired.



IBM electronic equipment was installed in Roanoke's general office building to take over billing for the three companies. Here Lawrence Ferguson, system billing supervisor, operates the console unit of the 650 data-processing machine, one of three main units. Coaxial cables connect this unit, the read-punch unit and the power unit so they operate as one.



Safety records were set in our three companies during 1956. Here L. G. Dougan, Lynchburg district personnel supervisor, and D. C. Kennedy, district manager, examine a chart showing that district's million manhour safety record. Lynchburg was one of three districts reaching the coveted mark, as Appalachian as a company also reached the mark three times. Kingsport had no disabling injuries during the year and Ashland and Pikeville of Kentucky had spotless records.



Our three companies celebrated their 50th Anniversary. Here J. E. Wright, vice president and general manager, displays anniversary displays. Mr. Sporn, AGE president, presided at Kingsport's anniversary dinner at Roanoke.

Appalachian Electric Power Company

We Took In:

Electric Revenues	\$95,625,000
Residential & Rural	\$30,046,000
Commercial	10,740,000
Industrial	39,400,000
All Others	15,439,000
Other Income Net	401,000
Total	\$96,026,000

We Paid Out:

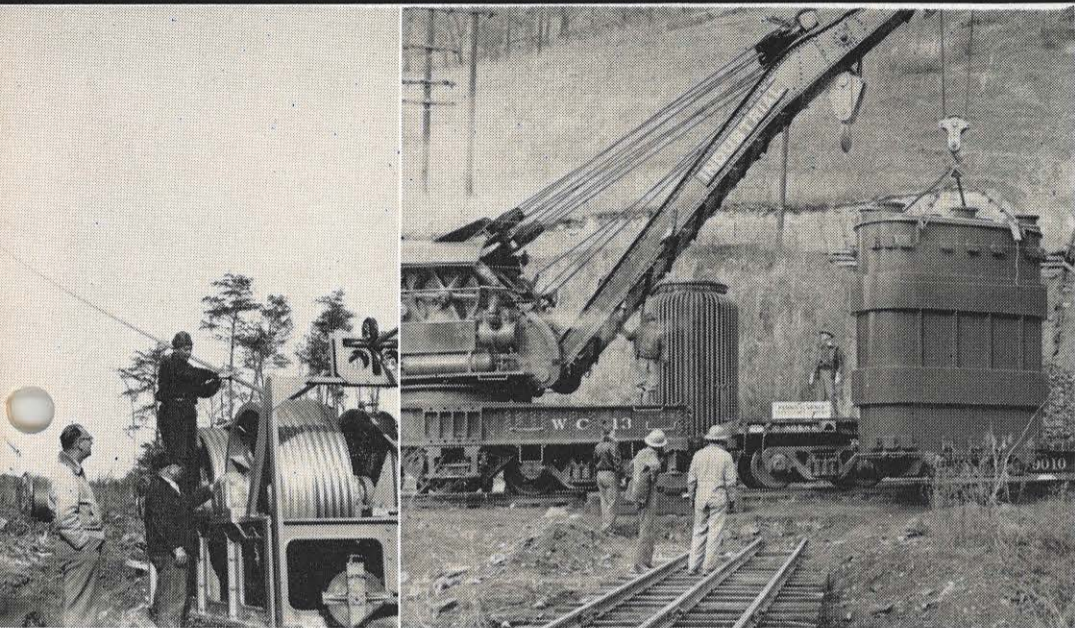
Revenue Deductions	\$74,875,000
Operation and Maintenance	\$42,333,000
(Includes payroll, pensions, insurance and medical; fuel and purchased power; materials and supplies)	
Depreciation	11,403,000
Taxes	21,139,000
Income Deductions	
Principally Interest	5,471,000
Total	\$80,346,000

Net Income — "What We Took In" minus "What We Paid Out"

From net income is paid preferred and common stockholders, with the remainder being retained for future company growth.

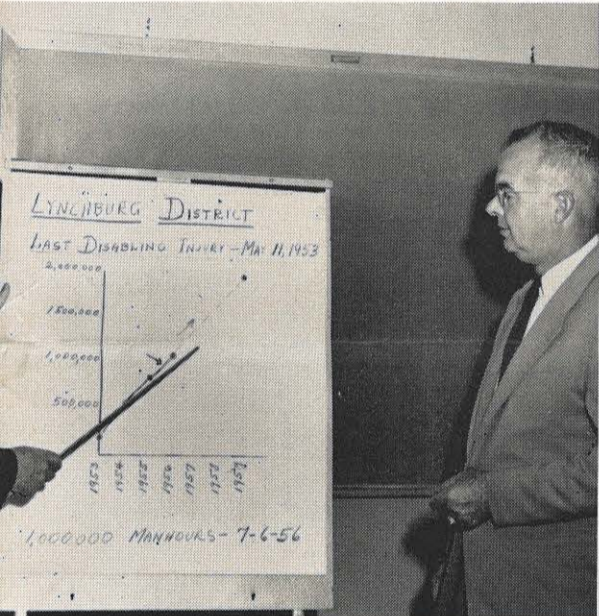
\$15,680,000

Accomplishments OF 1956



Transmission station work was a continuous thing in our companies last year. Here, a giant 20,000-kva transformer is being unloaded from a railroad side car to be moved into Pikeville district's Elkhorn City station.

1956 was the second 345,000-volt year in our three companies during 1956. Here L. G. Lynchburg district personnel supervisor, and D. C. Kennedy, district vice president, shows a chart showing that district's million manhour safety record was one of three districts reaching the coveted mark, as Ashland and Pikeville also reached the mark three times. Kingsport district's safety record during the year and Ashland and Pikeville of the year also reached the mark three times. Kingsport district's safety record during the year and Ashland and Pikeville of the year also reached the mark three times.



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Our three companies celebrated AGE's 50th Anniversary. Here J. E. Wright, Kingsport vice president and general manager, shows Philip Sporn, AGE president, one of the anniversary displays. Mr. Sporn spoke at Kingsport's anniversary dinner as well as at Roanoke.

\$700-Million Expansion, Aluminum Industry In Ohio Valley Highlight AGE Year

1956, the 50th anniversary year of the American Gas and Electric Company, proved to be a fruitful and an eventful one in the System's half-century history.

It was a year marked by substantial progress and growth of the System and the seven-state territory it serves, and in the production, delivery and utilization of electric energy. The over-all results in 1956 in energy sales were excellent, this in spite of a temporary decline in business during the steel strike and the termination of the System's supplying large blocks of interim power to the Ohio Valley Electric Corporation.

Principal New Records

Some of the principal new records established by the AGE System in 1956 were:

Operating revenues	\$267,819,000	Capacity being built	2,370,000 kw
Net earnings	\$ 40,033,000	Average annual home use	3,318 kwh
Peak load	3,745,000 kw	Major appliance sales	166,951
Energy sales	20,721,000,000 kwh	Electric home heating and heat pump sales	2,737

Earnings per share of Common Stock increased from \$1.98 in 1955 to \$2.04 in 1956. The average number of shares of outstanding, meanwhile, increased from 19,278,675 to 19,667,473.

Probably the most important accomplishment of the year was the consummation of many years' work to bring the aluminum industry to the AGE System territory, represented by the signing of agreements to furnish the power requirements of two major new aluminum plants—those of Kaiser Aluminum & Chemical Corporation at Ravenswood, W. Va., and Olin Revere Metals Corporation at Clarington, Ohio. These developments were made possible by a combination of the AGE System's mass-scale generation of low-cost electric energy and the natural advantages of the fuel, water and transportation resources of our territory.

There was a continuing accelerated industrial expansion throughout the AGE System and all of the six operating companies had a share in this dynamic growth. The booming Ohio Valley in particular saw the influx of major industrial plants.

Expansion Program

Significant among 1956 highlights was announcement of a \$700 million expansion covering the period 1956-60, the largest such effort ever undertaken by an electric utility company. As part of this program, the AGE System will build 2,820,000 kilowatts of generating capacity and raise its total capability to almost 7,000,000 kw by 1960. In 1956, the System's investment in expansion totaled \$127-million, second highest such figure in our history; in 1957 it is expected to be at least \$170-million.



Ground was broken for three major new power plants: the Kammer plant on the Ohio River at Captina, W. Va.; the Clinch River plant, Carbo, Va., and the Breed plant, on the Wabash River in Sullivan County, Ind. They will be furnished their fuel supplies by major new mines being developed by some of the nation's principal coal producers. Breed plant will house a 450,000-kw generating unit, the largest and most efficient power-producing machine in the world. A second such unit was announced in 1956 and will be built, beginning in April 1957, at the Philip Sporn plant, Graham Station, W. Va.

The AGE System's basic backbone 345,000-volt transmission network was completed when the line connecting the Muskingum River plant and Lima, Ohio, was placed in service. It marked the completion of a super-high-voltage grid starting near Charleston, W. Va., and extending northwestward to Fort Wayne, Ind., then south to the Ohio River at the Tanners Creek plant—480 miles in all. Another highlight was the beginning of construction of a 345,000-volt interconnection with the Commonwealth Edison Company, of Chicago. To be jointly constructed by the two major power companies and topping in magnitude all previous interconnections, the line is scheduled for completion in May 1958.

'Living Better—Electrically'

Customers on the AGE System are "Living Better—Electrically." In 1956, our residential customers used 3.9 billion kwh and our average residential customer used 3,318 kwh—both new records, the latter well above the national average. We added to our lines 166,951 heavy power-consuming home appliances, including a record 56,683 clothes dryers, as well as 2,482 new electric home heating and 163 home heat pump installations.

The AGE System continued to be engaged in the field of nuclear power in many ways. Our main activities are (1) financial and engineering interest in the design and construction of a 180,000-kilowatt boiling water reactor, and (2) economic evaluations of several other reactor types—both activities accomplished through membership of the AGE Service Corporation in Nuclear Power Group, Inc. The reactor, located near Joliet, Ill., will be owned by Commonwealth Edison Company; groundbreaking is scheduled for April 1957 and completion for 1960. Meanwhile, coal remained the No. 1 fuel prospect of the AGE System for many years to come.



One of the most satisfying accomplishments of 1956 was the AGE System's safety record: the accident frequency rate (number of disabling injuries per manhours worked) reached an all-time low and eight of the System's 26 divisions completed the year without a single disabling injury, an unprecedented achievement.

Our Fiftieth Year

We also observed the 50th anniversary of the AGE System during a busy 1956. The milestone was marked by a series of dinner-talks for civic and business leaders; the publication of an illustrated booklet, "Power—The Story of Electricity and a Region"; a series of "Power for Progress" lobby exhibits; special advertisements and posters, and an employee movie that traced the System's growth over the past 50 years and looked into the System's future for the next two decades.

Today, we are projecting the broad theme, "Progress in Electric Power," as the expression of the objectives of the AGE System in the years ahead. It is a theme that embraces progress in the supply of electric power as well as progress in the utilization of power, to provide for the growth, development and welfare of the area served by the AGE System.

Electric Power Company

We Paid Out:

Revenue Deductions

\$74,875,000

Operation and Maintenance . . . \$42,333,000

(Includes payroll, pensions, insurance and medical; fuel and purchased power; materials and supplies)

Depreciation 11,403,000

Taxes 21,139,000

Income Deductions

Principally Interest 5,471,000

Total

\$80,346,000

What We Paid Out"

\$15,680,000

Four Areas Hard Hit January Winds Strike Blow At Our Facilities

March winds came two months early, leaving in their wake a path of broken lines, snapped poles and damaged company buildings.

Hazard, Roanoke, Lynchburg and Williamson was especially hard hit by the unseasonable winds, which in some areas reached a velocity of almost 70 miles an hour.

Hazard district's service building at Lothair was struck a \$2,000 damaging blow and many customers in other areas were without service while employees worked under emergency conditions to get facilities back on the line.

Hazard Hard Hit

The Lothair storage and garage building was the only one in the vicinity damaged by the wind. It happened at 1:30 a.m., January 10, when the wind lifted the building's roof off and hurled it onto a nearby railroad track. Inside, the steam pipes were broken, conduit ripped from the walls and the garage door was sprung so badly it took several hours' work to get it open. Several ranges and water heaters in the storage area were damaged by accompanying rain.

The storm lasted just a few minutes, and not another thing in the area was touched. Employees rebuilt the roof of the building and other damage was soon cleaned up.

Roanoke Suffers

Eight hours later winds blasted through Roanoke, leaving many customers without electric service. Two 12,000 volt three-phase lines from the Huntington Court station, serving the Williamson Road residential, commercial and industrial load, were blown down by the wind.

A cupola atop a building was blown off, breaking six power lines in its descent to the street. Other branch lines were down before repairs could



C. T. Rader, Roanoke lineman, is repairing four 4,000 volt lines and two street light wires which were broken when a cupola was blown from a building, tearing the lines in its decent to the street. Photo courtesy 'Roanoke World-News.'

begin on these. Between 9 a.m. and noon there were 34 service and trouble calls, half of which were caused by trees blowing across lines and services.

Fast work on the part of employees restored service on major lines by 1:30 p.m., and all minor troubles were cleared up by 3 p.m.

Lynchburg Lashed

Rural customers were the hardest hit in the Lynchburg district. The wind caused interruptions on the Reusens-Phoenix 44 kv line and the 12 kv distribution out of Centerville station.

The Reusens-Phoenix oil circuit breaker at Reusens hydro station had 22 operations in 27 minutes. In order to stop these interruptions, service was interrupted manually. An hour and 19 minutes later service was restored.

The wind blew a roof off a building onto the line south of Krantz' Corner, breaking a pole. Failure of a bushing on the line side of the oil recloser at Lowry caused the Centerville 12 kv oil circuit breaker to lock out. Service at the station was restored in an hour and a half, and in another two hours the pole was replaced and service restored to the remainder of the line.

Williamson Lines Down

Two poles carrying transformers and three-phase, four wire 12,000 volt lines were snapped off, one at the top, by vicious Williamson winds.

A line crew went to the scene and after blocking the highway opened loops on each side of the break, allowing the section of the line broken to be de-energized. Both sides were fed from two different stations, restoring service. This temporary measure served until the two poles and transformers were replaced.

Retired Ashland Veteran Dies

Howard R. Collins, retired Ashland distribution superintendent, is dead.

He retired January 1946 with over 45 years' service, at that time with the longest service record in AGE.

Three years after he retired, the Howard Collins substation was named in his honor. He has served as city electrical inspector for Ashland since retiring from the company. He died November 11 at his home.

Born December 12, 1876, he began his service with the Ashland Electric Light and Power Company in July 1899. He saw Kenova plant constructed and placed in service and the changes in the company during the years.

Immediately after retiring he planned and supervised the rebuilding of the distribution of the city of Olive Hill, Kentucky, a municipal utility served by Kentucky Power Company. He then became electrical inspector for the City of Ashland.

He is survived by his son, Howard J. Collins who is Logan district personnel supervisor, and two daughters.



Mr. Collins



This is one section of the top of the garage and storage building at Lothair that was destroyed by a wind storm. The roof was lifted off and hurled to a nearby railroad track. John K. Cody, Hazard substation, is examining the damage.

AGE CORNER

(EDITOR'S NOTE: This is another in a series of facts and figures about our American Gas and Electric Company System.)

OPERATING RESULTS—1956

Company	Kwh Sales	Operating Revenue
Appalachian	8,037,999,066	\$ 95,625,633
Ind. & Mich.	4,199,600,203	59,152,804
Kentucky	784,917,044	13,160,551
Kingsport	295,904,289	4,016,715
Ohio Power	8,614,698,198	100,037,770
Wheeling	912,918,581	9,714,795
AGE System*	20,720,529,892	\$267,818,598

*After inter-company transactions.

Familiar Faces IN NEW PLACES

Appalachian Electric Power Company

Abingdon District

JOSEPHINE P. PUCKETT from junior bookkeeper, Clintwood, to senior cashier clerk, Lebanon.

Beckley District

MILDRED L. WEBB from senior cashier, accounting, to junior meter clerk, T&D meter section.

Bluefield District

GARLIN E. HILL, JR., from stationman B to stationman A; JACK D. SPRAKER from axman to stationman helper; T. M. WOLFE from junior general clerk, Bluefield district local accounting, to junior payroll clerk, Bluefield division payroll.

Charleston District

PEGGY JANE GALLAGHER from authorization clerk, Montgomery accounting, to junior contract entry and final bill clerk, Charleston accounting; HELEN MIDKIFF from junior clerk, accounting, to clerk-typist, commercial; JUDY A. POWERS from clerk-stenographer, personnel, to clerk-stenographer, commercial.

Huntington District

RUTH JENKINS from junior clerk to system billing prepare clerk; BETTY LEMLEY from bill listing and checking clerk to junior billing machine operator; C. E. PORTER from groundman to lineman C.

Lynchburg District

JOYCE A. BROWN from T&D engineering clerk-stenographer to T&D engineering stenographer; J. K. REID from lineman B to lineman A; D. J. THOMPSON, JR., from senior draftsman to engineering aide; R. E. THOMAS from rodman to draftsman-junior; CHARLENE L. THOMPSON from local accounting credit and collection clerk to clerk-stenographer, T&D line and station section; ANNE C. SHOWALTER from clerk-stenographer, T&D line and station section, to junior merchandise order and billing clerk, commercial; T. M. SANDIDGE from assistant hydro operator B to hydro maintenance man.

Pulaski District

WILLIAM W. BALLINGER from meter serviceman C to meter serviceman B; REX W. HAMPTON from groundman to lineman C; HARLEY B. SHEPHERD from meter serviceman A to area serviceman; WALTER M. TAYLOR from hydro maintenance helper to hydro operator C.

Roanoke District

J. W. THOMAS from senior T&D clerk to engineering aide, T&D engineering section.

Kentucky Power Company

Ashland District

LEWIS DONALD BRYAN from local office to commercial department; ROSCOE C. COMPTON from commercial department to general accounting.

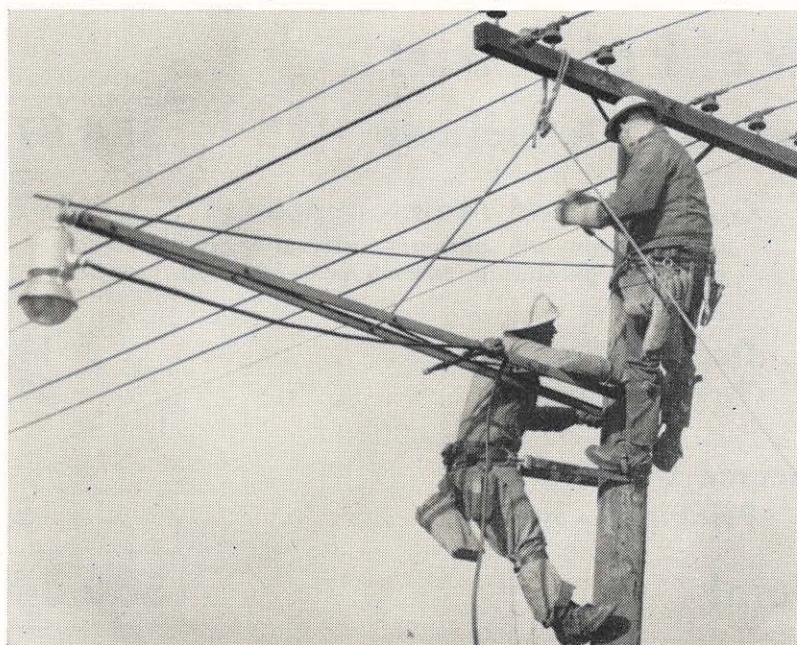
Hazard District

ROY NAPIER from meter reader to senior meter clerk; M. X. YONTS from senior meter clerk to engineering.

Kingsport Utilities, Inc.

JOAN CLAYMAN from junior cashier to senior cashier; EMORY J. FUGATE, electrical engineer, from miscellaneous to T&D; WILLIAM C. McCLELLAN from groundman to lineman C; JOHN A. RANDALL, JR., from meter reader, T&D meter, to appliance serviceman helper, commercial.

Lynchburg's Final Light Goes Up



William H. Stinnette and James K. Reid install a significant street light in Lynchburg. This light is the last one to be installed in a street light modernization program begun six years ago. Over 1,250 street lights in the business and residential sections of the city were modernized at a cost of over \$190,000. The program, begun in 1950, has resulted in illumination on Lynchburg streets being increased four times.

T. M. Watkins, Huntington Vet, Has Retired



Mr. Watkins

T. M. Watkins, assistant to the Huntington division manager, retired December 31 after over 35 years' service.

He joined the old Kentucky River Power Company at Hazard as construction superintendent June 1, 1920. He served as district superintendent at Hazard and Pikeville and as Williamson district manager before coming to Huntington on June 1, 1954.

Born at Alexandria, Va., he worked with several companies before joining Kentucky, including Bryant Electric Company of Alexandria, M. W. Hill Contracting Company of Baltimore and the Alexandria County Light Company. He attended George Washington High School in Alexandria.

Married and the father of two sons, Mr. Watkins is a member of the Kiwanis Club, the Mingo Country Club, the Chamber of Commerce and Masonic Lodge. His hobbies include golf and farming. He will be associated with the Davis H. Elliot Company, Inc. of Roanoke, making his headquarters in Huntington.

C. W. Taylor Of Charleston Retires



Mr. Taylor

Cecil W. Taylor, Charleston meter serviceman, retired February 1 after over 36 years' service.

He began with Appalachian as a utility man May 5, 1920 and became a serviceman January 1, 1937. He was promoted to meter serviceman in April 1953.

Born at Marshes, he did construction work with the Army engineers in 1918-19.

Mr. Taylor has no immediate plans for retirement but hopes to remain in Charleston. He likes to watch baseball games and wants to have a garden next spring. Commenting on the company, he says the most rapid advancements have been made in safety. In the old days employees didn't even wear rubber gloves, he remembers. "Of course, we have a lot higher voltages to contend with now, but it sure is a lot different now."



The C&P Telephone Company has announced that a \$2¼ million telephone dial system will be installed in the Williamson area by the end of next year.

Roanoke ranked second in Virginia last year in the number of visitors attracted to the city by conventions. More than 27,000 people attended the 106 conventions held in Roanoke last year, according to the State Chamber of Commerce. Richmond led for the sixth straight year with more than 80,000 convention delegates. The Chamber reported more than 184,000 people visited conventions in Virginia and spent an estimated \$9,660,000.

A \$4 million distillation plant, which will employ 30 to 40 people, will be constructed at Nitro of the Charleston district for the manufacture of chemicals from crude tall oils by the Monsanto Chemical Company and Emory Industries, Inc. It is scheduled to be in full operation by the spring of 1958.

N&W coal loading in 1956 increased about 10 per cent over 1955. The three main factors given for this increase were overseas shipment of coal, demands in this country for coal to produce electric power and increase in use of coal for the manufacture of steel.

Virginia Gear and Machine Corporation plans a \$75,000 addition to its Lynchburg plant which produces valve controls. Included will be 13,000 square feet of additional floor space, a new parking lot, new equipment and a "substantial increase" in number of employees. Virginia Gear now employs 179 persons.

Construction has started on Virginia Glass Products' new \$1 million plant three miles south of Martinsville in the Fieldale district. The new plant will employ about 150 persons with an annual payroll of about \$500,000.

The New River Valley Airport Commission has announced that \$125,000 has been allocated for the construction of the new airport south of Dublin in the Pulaski district.

The value of building permits issued in the City of Roanoke last year set an all-time record. The total of \$21,444,991 was more than \$3 million ahead of the previous record in 1950.

West Virginia Pulp and Paper Company has completed the new pulpwood yard and loading dock at Fontaine, just south of Martinsville in the Fieldale district. This new loading dock will allow local pulpwood producers to sell their product directly to the company for use in its Covington mill.

Virginian Railway Company has announced the purchase of six 2,500 hp diesel electric switch engines and 500 steel hopper cars for delivery this summer. These cars will be constructed in the Princeton shops (Bluefield district) and are in addition to the 1,600 ordered for delivery during 1956.

Allstate Insurance Company has announced plans for a new \$750,000 office building for its Roanoke regional office. The two-story building to be located on U. S. 11 just west of the Roanoke city limits will contain 40,000 square feet of space and accommodate over 200 employees.

Opportunities For Engineering Graduates Presented At College Faculty Conference



Answering the questions of the college faculty members at the conference were the men on this panel. From the left: H. L. Cushing, Appalachian system commercial manager; R. R. Jewell, vice president and general manager of Wheeling Electric Company; H. A. Kammer, AGE

executive vice president; Harold Turner, AGE executive vice president who was chairman of the panel; J. P. Cruickshank, superintendent of Appalachian's transmission and distribution department; H. C. Skaggs, Kanawha River plant manager, and S. N. Fiala, AGE chief engineer.

Opportunities on the AGE System for engineering graduates were presented in Roanoke last month to 34 faculty members from 10 colleges. The College Faculty Conference was the first of its kind conducted by our three companies along with Wheeling Electric Company.

Starting with a dinner on January 17, the conference on January 18 featured speakers from the sponsoring companies and AGE. Faculty members quizzed members of a panel on Friday. Colleges represented were VPI, VMI, U. Va., W. Va. U., W. Va. Tech, U. Tenn., U. Ky., Duke U., N. C. State and Ga. Tech.

Purpose of Meeting

G. L. Furr, Appalachian vice president and general manager, who spoke on "Engineers—Our Mutual Interest" at the dinner, said the meeting served a double purpose. "It acquainted college faculty members with the electric utility companies in the AGE System," he said, "and it gave our companies a closer insight into what engineering graduates are seeking in that first job."

M. O. Wilson, Appalachian personnel director, was toastmaster at the

dinner where the film about the Ohio Valley Electric Corporation's plants, "Twins on the Ohio," was shown. R. E. Hodges, Appalachian assistant general manager, presided at the morning session in the company auditorium. Speakers that morning were F. M. Baker, Kentucky Power Company vice president and general manager, and S. N. Fiala, AGE chief engineer. Mr. Baker explained utility

engineering and Mr. Fiala talked about engineering and construction on the AGE System.

Five Appalachian and two AGE employees who are recent graduates told of their experiences with the company, completing the morning session. Following lunch, a panel of executives answered questions of college faculty members before the meeting adjourned at 4 p.m.



These Appalachian men talk things over during the recess at the College Faculty Conference. They were on the program and told of experiences with the company since graduation. From the left: B. W. Middaugh, system senior relay engineer; W. W. Ford, Jr., system commercial sales promotion representative; R. A. Sheffey, Jr., Abingdon district engineer; E. A. Painter, Glen Lyn plant supervisor of maintenance; and W. C. McMahan, assistant Charleston district manager. Also speaking as part of this group were J. A. Tillinghast, AGE staff engineer, and C. F. DeSieno, AGE electrical engineer.

J. R. Paul Named Ashland District Office Manager

James R. Paul, assistant local office manager of the Ashland district, was promoted to local office manager on



Mr. Paul

January 1. He succeeds C. R. Sanford, who died December 31 of a heart attack.

Mr. Paul was employed in the Ashland district in June 1946 as a clerk. He later held positions as senior clerk, assistant credit manager and became assistant local office manager in 1952.

He attended schools in Ironton, Ohio, and graduated from Ohio State University with a BS in business administration in 1935. Married, he has two children.

AGE System Begins New Year With Peak

The AGE System established a new peak load of 3,758,000 kw on Monday, January 7 during the 10-11 a.m. period.

The previous record of 3,745,000 kw had been set November 27, 1956.

The AGE System also hit a new weekly input record of 487.7 million kilowatt-hours during the week January 10-17. The previous mark was 482.3 million kwh the previous week. The 1956 input record was 476.2 million kwh.

Office Manager At Ashland Dies Of Heart Attack



Mr. Sanford

C. R. Sanford, 49-year-old Ashland local office manager, died December 31 of a heart attack. He had almost 30 years' service with the company.

Born May 21, 1907, at Hurricane, West Virginia, he attended public schools and Marshall College at Huntington. He was employed as clerk in May 1927 at Ashland and promoted in October 1933 to assistant chief clerk. In September 1937 he transferred to the Williamson district as chief clerk and returned in March 1947 as Ashland district local office manager.

Mr. Sanford was a member of the Normal Presbyterian Church, the Elks and Kiwanis clubs. Funeral services were held January 2 at the John Steen Funeral Home.

He is survived by his wife, Margaret; son, Charles R., Jr.; and daughter, Mrs. Nancy Hatfield.

Electric Heat Does An Unusual Job For Charleston Company

Winter's cold hand got another slap recently when Frederick O. Helm of Charleston district came up with an unusual application of electric heat.

The Raleigh-Wyoming Mining Company at Edwight was faced with 50,000 gallons of water freezing when the plant was not in operation over week ends. The company could not empty the water from its washer system into Coal River because of state stream pollution laws. Week days plant operation keeps the water above freezing.

Mr. Helm, power sales engineer, suggested electric heating at each location susceptible to freezing. Several electric heating systems were adopted.

Eight two-inch tubes were welded through the sides of the separating basin and an underwater electric heater was placed at the end of each tube. In the wash box immersion heaters could not be used so strip heaters were attached to the outside of the box. Terminal covers protect the strips. And heating wire was wrapped around the pipe system which carries water to various tanks.

Mr. Helm didn't stop there—he also had installed a 12-foot storage tank, four feet in diameter, to store hot water for showers for 100 men. Two 30 kw immersion heaters heat 1,130 gallons of water.

The sum total? In all, 201 kw of immersion and strip heaters was used on this project. This is enough to handle 40 residential electric water heaters or electric heating in 15 to 20 homes.

In 3 Steps

Giant Jig-Saw Puzzle Of Maps Being Solved By Charleston Draftsmen



Charleston draftsmen find their map-making job like a giant puzzle. Shoes often have to be taken off before they crawl out onto the maps. From the left are W. H. Turner, lead draftsman who is directing the work, Bill Salmons and Bryan Smithers.

The Charleston T&D engineering section has a giant jig-saw puzzle on its hands. Pieces in the puzzle are map sections—lots and lots of map sections. There are 1,917 record maps on tracing cloth, equivalent to 150 bed sheets in terms of space.

To further complicate the problem in the drafting rooms of the North Charleston service building, another 120 maps are being made to fit into the overall picture. Placed together in one block, the 120 new maps cover about the same space as 10 bed sheets.

W. H. Turner, lead draftsman, describes the process as being a lot like a puzzle. "You know where a few pieces go to start with and the remaining pieces are placed in their proper place, after checking and re-checking until all the empty spaces are filled," he said.

Three-Fourths Finished

This tremendous map-making job began in March 1955 and is almost three-quarters complete. Along with mapping the new sections, the old tracings are being brought up to date.

Six men work in pairs to complete the 3-step procedure. Bill Salmons and Bill Bostic check all boundary lines and make up the tracings as a true representation of the topography. Vernon Costello and Bryan Smithers follow up by placing in all electrical facilities of the company. The final step is done by Ray Hoffman and Jim Smolder who check all right of way.

One inch on the map represents 200 feet on the ground, so the old

Lakeland Lodge Taps Roanoker As Master

Robert E. Slaydon has been elected Worshipful Master of Lakeland Lodge No. 190.

The Roanoke area sales representative has been active in Masonic work since 1948. He is also a member of Kazim Temple, Scottish Rite Bodies, and BPOE Lodge No. 197 of Roanoke.

Mr. Slaydon joined the company as clerk in T&D engineering at Roanoke July 14, 1947 and has just been promoted to his present position. He is a member of Calvary Baptist Church.



Mr. Slaydon

maps represented an area of 1,056,012 acres or 1,650 square miles.

Line Foreman In Roanoke Retires



Mr. Carper

W. C. "Chafe" Carper, veteran Roanoke district line foreman, retired February 1. Employees held a dinner in his honor January 31 in the company auditorium.

Mr. Carper began his company service in 1911 as a groundman in Roanoke, and left the company in 1913. In 1915 he returned to work with the company, building lines to West Virginia coal mines with headquarters in Bluefield. He later transferred to a crew maintaining high lines. One of his fellow employees on the crew was Bruce Cox, now Fieldale district manager.

In 1917 he transferred to Christiansburg as the only company employee in that area patrolling lines, reading meters and doing whatever else was needed. He left the company again in March 1918.

Mr. Carper's continuous service began January 22, 1919 with the Roanoke Railway and Electric Company as a lineman. In 1936 he was promoted to line foreman. A brother, the deceased J. D. Carper, also was a line foreman in Roanoke.

One of the things Mr. Carper is proud of and will take into retirement with him is that his crew has not had a disabling injury for the last seven years.

His main hobbies are sports, including fishing, which he says he hasn't had much time for. But he plans to make up this lost time. Other retirement plans for him and his wife include traveling. One trip will be to California to visit his wife's relatives. They also plan to visit their son, three daughters and three grandchildren.

Boy Scouts Honor Huntington Manager

S. R. Pritchard has received the Silver Beaver Award for distinguished service to boyhood for his work with the Boy Scouts of America.

The Huntington district manager is a leader in the Tri-State Area Boy Scout Council. He began with the company as an engineer in Welch in June 1934. He became Welch district manager in 1943, Logan district manager in 1946 and Huntington district manager in 1950.



Mr. Pritchard

He has been active in Scout work in all three places. He is also a member of the Guyan Golf and Country Club, Guyandotte Club and Rotary Club. He is clerk of the session at Enslow Park Presbyterian Church and has been active in United Fund Drives since 1950.

Eastern Wins AGE Safety Award Again

For the second year in succession, Ohio Power's Eastern Division has taken first-place honors in the annual AGE System's Division Safety Contest. At year's end, Eastern had compiled a record of 1,515,054 man-hours since its last disabling injury February 10, 1955.

Kanawha River plant finished highest in our three companies, placing seventh. Kingsport was eighth, Logan ninth, Charleston tenth and Kentucky eleventh. There are 26 divisions of AGE competing in the contest, which began January 1, 1955. Eight divisions finished the year with perfect records.

Ohio placed five divisions in the top six, with I&M's Fort Wayne division in second spot.

Charleston Engineer Has Article In Magazine

Don P. Newman, of Charleston, had an article in the January 15 issue of *Electric Light and Power*.

The assistant district engineer wrote "Steel-Jacketed Concrete Protects Alley Conduit Risers." This article previously appeared in *Monthly Operating Notes* and was summarized in THE ILLUMINATOR.

Sales Awards . . .

(Continued from Page 1)

Residential

Twelve Month—Appalachian finished first in the Generators with 139 per cent. Kentucky finished second in the Exciters with 131 per cent, Kingsport third with 120 per cent. All were over 100 per cent in range, water heater, dryer and kilowatt-hour quotas. This entitles Appalachian to the Philip Sporn Plaque.

Water Heater Activity—Appalachian finished first in the Generators with 102 per cent. Kentucky finished second in the Exciters with 109 per cent, Kingsport third with 100 per cent.

Kilowatt-hour — Appalachian finished first in the Generators with 139 per cent. Kentucky finished first in the Exciters with 135 per cent.

Home Heating Installation—Appalachian finished first in the Generators with 274 per cent. Kentucky finished second in the Exciters with 212 per cent. This entitles Appalachian to the Harold Turner Plaque.

Commercial-Industrial

Twelve Month—Appalachian finished third in the Generators with 151 per cent, surpassing 100 per cent in lighting, heating, cooking and air conditioning-ventilation quotas. Kentucky was first in the Exciters with 192 per cent, Kingsport second with 137 per cent. Both exceeded 100 per cent in all four categories.

Space Heating—Appalachian finished second in the Generators with 176 per cent. Kentucky finished first in the Exciters with 260 per cent, Kingsport third with 129 per cent.

Heat Pumps—Kingsport finished first with 100 per cent. There were 255 heat pumps installed on the AGE System, a new record.

Appalachian Is Top Contributor In 1956 To 'Monthly Operating Notes'

Appalachian has repeated as top participating company in 1956 in AGE's *Monthly Operating Notes*.

Employees of the company led all others in relative participation and number of merit awards, repeating the 1955 record. This was announced by Allen Perry, editor, in the February issue. It had already been announced that Roanoke division was top field division for 1956, keeping the honor in Appalachian that Charleston won in 1955.

Kentucky also came in for honors, leading in proportion of merit awards with Central Operating Company (Philip Sporn plant). O. O. Henderson of Ashland won the top award for his idea, and H. E. McCormack, system operating, tied for second.

Mr. Perry pointed out that national publishers selected nearly 60 per cent of the field ideas in "Notes" as worthy of national circulation.

One change has been made in Appalachian's field editor staff for "Notes" to begin the new year. M. E. Reed, Roanoke division engineering, has been named a field editor for Roanoke division, replacing J. E. Jones, who was promoted late last year to Roanoke-Bluefield division area development representative.

Two Appalachian Men Appear In 'Notes'



Mr. Hervey

Mr. Siner

Appalachian employees started the new year by contributing two of five articles in the January issue of *Monthly Operating Notes*.

G. E. Hervey, now Point Pleasant district manager but Charleston district superintendent when he wrote the article, was author of "Job Planning Pays Off." In it he describes the careful planning that went into getting cable shipped for a particular job in the district. By investigating several methods of handling and shipment, employees on the job were able to bring about a savings of over \$1,700.

R. J. Siner, Roanoke district meter clerk, wrote "A Versatile Clamp For Danger Flags." He describes a clamp he designed for use with danger flags. The clamp allows the flag to always be in view, allows for easy movement and removes a safety hazard on ladders.

Roanoke Woman Has 35 Years' Service

Frances Thurman completed 35 years with the company January 15. She is a T&D clerk in the Roanoke district.

First employed as a telephone operator in 1922 she served in that capacity until February 1949 when she was promoted to her present job.

She is a member of the Melrose Methodist Church, where she is active in the Sunday School and the Wesleyan Service Guild. Her hobby is collecting antiques.

Bluefielder Named Building Supervisor

James Cook has been promoted to Bluefield building supervisor. He rises to the position from station man. Mr. Cook joined the company at Bluefield April 14, 1947 as appliance service-man helper and a year later went to the station department as maintenance man helper. In February 1949 he became maintenance man and in April 1953 station man.

A native of Pageton, he graduated from Gary High School. A Marine veteran, serving from April 1943 to December 1945, Mr. Cook is West Virginia state head of the Disabled American Veterans. He is married and a member of the Presbyterian Church. He lists as his hobbies guns, woodworking and flying his own plane.



Mr. Cook

Year-Round Maintenance Job

Our Transformers Get Special Treatment

Transformers are important links in our business. Electricity passing through a transformer is stepped up to be transmitted long distances, or stepped down so that it may be used by a customer.

Because they are so important, transformers are watched carefully and maintenance on them follows a strict schedule. To take care of our transmission transformers—those on our 345, 154, 132 and 110 kv systems—an eight-man crew works the year around.

Men in Crew

Part of the transformer branch of our system station department, this crew is headed by J. E. Glover. Working with him are W. D. Martin, K. D. Ferguson, C. E. Carter, D. O. Wissler, L. B. Heptinstall, N. M. Tyler and H. R. Mayes. T. W. Old, transformer engineer, works with this group in planning and testing while E. C. Rankin heads the utility group. H. A. Clarke is system station superintendent.

These men are equipped to do all the electrical testing and maintenance that would be required on a transformer in the field except double testing. Theirs is a continuous job of learning, because new types of transformers, or transformers with new pieces of equipment, appear on the market every day.

To these men a transformer is not merely a piece of equipment—it is a well-built, reliable but complex piece of equipment which will function perfectly if treated right, but which has a maze of delicate pieces of protective equipment and indicating equipment that must be treated carefully.

Steps in Maintenance

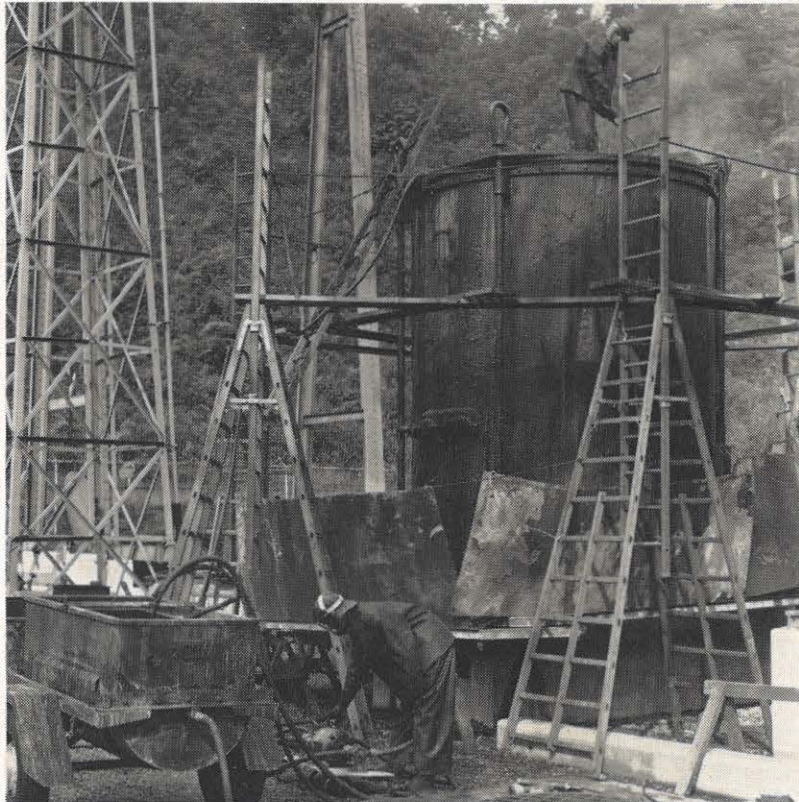
What does routine maintenance on a transformer involve? Usually it means gasketing, cleaning, painting and testing. Gasketing comes first—gasketing means insulating joints so that nothing can enter that part of the equipment. Entrance of water into a transformer can result in failure of the unit. To gasket, the transformer must be disassembled, and while this is going on an internal check of the transformer is made.

The cleaning process can be done several ways, depending on the extent it is needed. Hand cleaning methods with solvent can be used, or steam cleaning might be necessary. Sometimes the old paint has to be removed, and this involves hot caustic stripping, where the old paint is literally burned off.

Some Paint Problems

Painting in itself is a major operation, but most necessary to keep the transformer in top operating shape. When the old paint has been removed, three new coats must be applied, just as you might paint a bare piece of furniture. These include the primer coat, the body coat and the finishing coat. Weather conditions can often mean trouble in the painting stage. For instance, wind can leave ripples in the paint, and the crew once in a while has been forced to wait before painting a transformer.

The men of the transformer maintenance crew have a job that keeps them "on the move." Through their efforts we continue to bring reliable electric service to our customers.



TOP: Two members of the transformer maintenance crew remove old paint from a 132 kv transformer with a hot caustic application. The caustic is heated in the mobile tank in the foreground and pumped through the hose to the top of the transformer where it is flowed over the surface, stripping the paint off down to the bare metal. This comes after gasketing and is followed by painting. **BOTTOM:** L. B. Heptinstall, left, has just come off a transformer after applying hot caustic. As a safety measure he is being washed down—to get all caustic off—by J. E. Glover. Caustic work calls for the men to wear rubber suits, masks, helmets, gloves and protective boots.

Two System Men Promoted At Sporn



Mr. Ferguson

Mr. Ford

Two system operating employees have been promoted at Sporn station. L. B. Ferguson has moved up to regional chief operator and K. H. Ford, system station operator, has replaced Mr. Ferguson as assistant regional chief operator.

Mr. Ferguson joined the company in 1922 at the Hazard steam plant and advanced through several jobs to plant supervisor in 1948. He joined the system operating department in 1954.

A 32nd degree Mason and Shriner, Mr. Ferguson is married and has three children.

Mr. Ford came with Kingsport as a lineman in June 1937 and transferred to the system operating department in 1949 as system station operator at Sporn. President of the New Haven Lions Club, he is also active in Boy Scout work.

Mr. Ford is married and has two sons and two daughters.

Country Club Reins Taken By Pulaskian

Vernon W. Hinton has been elected president of the Pulaski Country Club. He is Pulaski district meter supervisor.

Charles P. Bailey, electrical engineer, was named to the board of directors. Mr. Hinton was vice president last year and has been active on several committees. He is past Worshipful Master of the Masonic Lodge, former worthy patron of the Eastern Star, past president of the Kiwanis Club and at present is chairman of the public and business affairs committee.



Mr. Hinton

He has also been lay reader and senior warden of Christ Episcopal Church, past president of the International Association of Electrical Inspectors and is now committeeman for the southern section.

Mr. Hinton joined the company at Bluefield as a helper August 5, 1924 and came to Pulaski as a foreman April 1, 1939. He was promoted to meter supervisor July 1, 1944.

Posture Important

You Will Feel Better When You Follow A Few Simple Rules For Daily Exercise

(EDITOR'S NOTE: This is another in a series of articles on your health prepared and released as a public service by The Life Extension Foundation, Inc.)

Exercise is as important to the body as motion is to water. Without it both become stagnant. Physical activity helps keep your muscles in tone, your systems smooth-functioning.

Every organ of the body profits by the stimulation of exercise. First, the muscles are stimulated to contract; the heart is stimulated and more blood is pumped about the body; then breathing becomes deeper; the kidneys function better because there are more waste products to carry away. It is a law of Nature that organs as well as muscles grow stronger with use, weaker with disuse.

For most of us who earn a living, there are few opportunities for exercise and recreation during the working week. We must deliberately seek regular exercise via a planned program.

Start with Posture

Good posture is itself good exercise. Unless you walk, stand or sit properly no exercise program can accomplish very much for you. For proper standing posture, stand for two minutes against a wall. Place your feet 4 inches from the wall with your back to it, then lean against the wall so that your buttocks, your entire back, your shoulders and your head are touching the wall. In this position your abdomen will be pulled in, your chest pushed out, your shoulders back, your chin in and your head up. Practice this during the day as you walk, stand or sit.

When you are satisfied that your posture is good, discontinue the exercise, but don't lose that good posture habit you've acquired.

Walking is Best

The best all-around form of exercise is walking. Everyone with two functioning legs can walk and everyone can find time for walking. If your work is near at hand, try walking to and from it. At noontime there is opportunity again for another short walk.

You should try to walk 15 minutes three times a day and, as you walk, make every step count. Breathe deeply. Don't walk so fast that you become short of breath, but walk briskly enough so that after you're through you feel like you have done



something.

Setting-Up Exercises

Setting-up exercises in the morning serve a useful purpose for those who enjoy them. Done properly, they tone up the body for the day's work. Too often, however, they are looked on as a duty and chore.

To be of value the exercise should be done slowly and deliberately to give the different muscles a chance to contract and relax. Five minutes devoted to setting-up exercises is adequate.

And Sports?

Good posture and regular walking are the two routines you should follow seven days a week. In addition, more athletic exercise is usually desirable. But a word of caution. The amount and kind of exercise you take must be determined by your age, your physical condition and the kind of work you do. Vigorous sports like handball, volley ball, badminton, boxing and tennis are fine for the young and robust, but it is well to limit these activities to the years under 45. Nothing is really gained by continuing these active sports after this age.

There are many less energetic and safer sports for the middle-aged man which will challenge his skill, satisfy his emotions and supply stimulating exercise. Golf and bowling are two good examples.

All good is lost when exercise is carried past the point of fatigue. One who drives himself in activities over a week-end and shows up at work Monday morning exhausted has little regard for his health.

Five Practical Rules

Stick to these practical rules on exercise and stay healthy.

1. Maintain proper posture sitting, standing and walking.
2. Try to walk 15 minutes three times each day.
3. Use caution and moderation when engaging in competitive sports.
4. Never carry exercise past the point of fatigue.
5. The amount and kind of exercise you take should always be determined by your age, your physical condition and the work you do.

LaFon, Hervey Get Farewell Gifts



Farewell gifts were recently presented these two men by employees in the Beckley and Charleston districts. **LEFT:** Waldo S. LaFon, recently promoted from Beckley district manager to Kentucky assistant general manager, was given an electric motor, portable electric sander, extension table and guard blades by employees. These go with a bench saw given him by supervisors as a Christmas present. The employees also signed a scroll showing a Kentucky colonel approaching the Ashland city limits on a horse. **RIGHT:** G. E. Hervey, left, Charleston district superintendent, who succeeded J. V. Mann as Point Pleasant district manager, was honored by employees. Here C. B. Talley, Charleston district manager, is presenting him with a gift from supervisors, some of whom can be seen in the background.

Six Couples Are Married Recently



Three Appalachian employees recently married are pictured above. They are from left: Mrs. Jack W. Fleshman, system; Mrs. Andrew D. Taylor, Jr., Welch; and Mrs. William Gene Willis, Roanoke.

Charles-Taylor

Thelma M. Charles and Andrew D. Taylor, Jr. were married December 22 at the Mountain Mission School in Grundy. Mrs. Taylor is a contract clerk in the Grundy office of the Welch district.

Parker-Griffith

Norma Jean Parker and Okie Lee Griffith, Jr. were married December 22 at the parsonage of the Grace Nazarene Church of Ashland. Mrs. Griffith is an Ashland accounting clerk.

Lucas-Willis

Marlene Esta Lucas and William Gene Willis were united in marriage January 19 at Christ Lutheran Church of Roanoke. A Roanoke district home economist, Mrs. Willis is the daughter of Mrs. Ruth Lucas, Roanoke division commercial secretarial-stenographer.

Roush-Proffitt

The Methodist Church in Mason was the scene December 22 of the double ring wedding of Carrol Lee Roush and James Proffitt. Mr. Proffitt is a temporary laborer at Philip Sporn plant.

Rutrough-Fleshman

Margie A. Rutrough was married January 12 to Jack W. Fleshman in the Central Methodist Church of Salem. She is a system accounting employee.

Sigler-Morgan

Avelee Sigler and John K. Morgan were united in marriage January 5 at the home of the Rev. Walter E. Albee. Mr. Morgan is a groundman in Welch.

Real Model Home

All-Electric Ravenswood 'Dollhouse' Is Popular In More Ways Than One



Debbie and Sue Vought, left and right, proudly show their "dollhouse" to Debbie Thomas, daughter of B. N. Thomas, Point Pleasant district heating and building sales representative. The miniature electrically heated home was built by the Vought children's father who is in the business of selling electric heat.

"Gosh! It's just like real." That's the most common comment about the all-electric "dollhouse" built in Ravenswood by Robert Vought for his daughters.

Mr. Vought, owner of Home Service, Inc., is in the business of selling electric home heating. When he got the idea for a dollhouse for his children to play in during winter months, then naturally he thought about electric heating.

And since he completed the "model" home, he has been as pleased with results as his daughters have been delighted. Already featured in several West Virginia newspapers, it is believed to be the only "dollhouse" on the AGE System.

The dollhouse is not only heated with electricity but features thermostat control, a miniature electric range, recessed lighting and an electric doorbell. The ceiling, walls and floors are insulated to meet the same requirements recommended in new home construction. Storm windows and aluminum awnings round out the attractive little home.

Many local people have visited the dollhouse and lots of children are insisting it's just what they need. Bob says he will make them to order for people who might be interested.

Bob is now looking for other ways to promote electric heating by using the dollhouse. Some tentative plans include featuring it in parades, window displays and advertising.

Appa-Lassies Choose Officers



The Appa-Lassies of the Logan district have named officers for the club's new year. They are, front row from left: Alda Jones, president; and Carol White, vice president. Back row from left: Ona Murray, treasurer; Eleanor Cunningham, secretary; and Syrean Baker, second vice president.

New Arrivals

Abingdon

MR. AND MRS. ARTHUR SELF, a son, Arthur Scotty, December 5. Mr. Self is a Clintwood groundman.

MR. AND MRS. RALPH SOWERS, a daughter, Sarah Jane, January 3. Mr. Sowers is a working foreman at Gate City.

Beckley

MR. AND MRS. DARREL SANFORD, a daughter, Cynthia Jo, December 5. Mr. Sanford is employed in the T&D line section, Rainelle area.

Fieldale

MR. AND MRS. DONALD WALKER, a daughter, Loretta Charlene, January 11. Mrs. Walker is a former Fieldale district PBX operator.

Hazard

MR. AND MRS. EVERETT BUSH, a boy, Everett Coleman, Jr., December 28. Mr. Bush is a lineman.

Huntington

MR. AND MRS. WILLIAM HOWARD JACKSON, a son, William Andrew, January 4. Mr. Jackson is employed in the T&D line section.

Kanawha River Plant

MR. AND MRS. C. R. DUNBAR, a son, Dennis A., January 6. Mr. Dunbar is an instrument maintenance man.

Logan

MR. AND MRS. ELBA SAMSON, a daughter, Susan Dianne, January 12. Mr. Samson is a collector.

Lynchburg

MR. AND MRS. JOSEPH H. STANLEY, a daughter, Peggie Sue, December 27. Mr. Stanley is a former employee in local accounting.

Pulaski

MR. AND MRS. JAMES T. KEGLEY, a son, Miller Thomas, January 19. Mr. Kegley is a lineman.

MR. AND MRS. ANDREW L. GRAHAM, JR., a son, Mark Andrew, January 16. Mr. Graham is an agricultural sales engineer.

Roanoke

MR. AND MRS. E. M. PAYNE, a son, Steven Lynn, December 31. Mr. Payne is head material clerk.

MR. AND MRS. L. T. MCGRAW, a son, Jeffrey Lynn, December 31. Mrs. McGraw is a former cashier.

Charlestonians Say Popsicle Sticks, Glue All You Need To Make Baskets

Simple-to-make but attractive baskets can be made with popsicle sticks and glue.

Helen Porter and Frances McHenry of Charleston have given directions for the baskets, which do not require much time to make and can be used for a great variety of things. They suggest giving them as gifts, or putting fruit in them for hospital patients, or filling them with cookies for bake sales.

Here are the directions, according to the two Charleston women. You will be working from the top of the basket down to the bottom.

First, cut a cardboard pattern in an octagon shape and trace around the pattern on a paper napkin. Staying within the line you've traced, place popsicle sticks at what would be the north, south, east and west ends of the design. This leaves four sides of your design open. Again staying within your line, place sticks at these four corners, overlapping the four base sticks, and glue with wood cement. Now place another set of sticks at north, south, east and west and again overlap four corner sticks, gluing them down.

Repeat this process about six times, each time indenting about one-fourth inch. Keep indenting until you have an open space which you can completely span with sticks laid crosswise, side by side, to form the bottom of the basket.

After you've glued them down, place a heavy object on the basket and let it dry. It is now ready to shellac or varnish. Dyeing the sticks different colors before gluing them down can produce variations in your baskets.



Frances McHenry, standing, shows Helen Porter how baskets can be made from popsicle sticks. Stick often may be obtained from dairy companies.

They're Engaged

NANCY SUE PEERY to Donald E. Wiseman. Miss Peery is the daughter of J. W. Peery, Roanoke general serviceman.

NANCY CAROL BRYANT to Robert L. Brown. Miss Bryant is the daughter of J. R. Bryant, Roanoke working foreman.

JOAN R. BARKER to Harry C. Dixon. Mr. Dixon is an Ashland office messenger.

ANNA FORTUNA to John Brant. Miss Fortuna is a clerk-stenographer in Welch engineering.

PHYLLIS ANN WEAVER to Ralph Hamilton Baughan, Jr. Mr. Baughan is a meter reader in Charleston.

JOAN B. DAVIS to Paul H. Witting. Miss Davis is a Charleston home economist.

MYRTLE MARIE FIFE to Larry Joe Keefer. Miss Fife is a junior clerk in Philip Sporn plant accounting.

DOROTHY F. PRITT to Paul D. Samples. Miss Pritt is a clerk at Kanawha River plant.

GEORGINA DANIEL to David Lares. Miss Daniel is a clerk in Beckley accounting.

LORENA M. TERRY to Harry C. Walton. She is system personnel record clerk.

Models Sewing



Modeling a winter cotton dress she made in the Woodrow Wilson High School sewing class is Barbara Fitzpatrick. The daughter of C. D. Fitzpatrick, Beckley district working foreman, also made an identical dress for Glee Club members to present to their instructor. The junior at school was real pleased with one of her Christmas presents from her parents. What was it? An electric sewing machine, of course.

K-Appa-K's Elect 1957 Officers



New officers were recently elected by the K-Appa-K Girls' Club of Williamson. They are from left: Barbara Williamson, secretary; Patsy Ruth Varney, treasurer; Naomi Cantees, president; and Frances Keadle, vice president.

Sportsmen Turn To Dog Training



With the arrival of cold weather, members of the Sleepy Hollow Sportsman Club at Philip Sporn plant have turned from fishing to dog training and rabbit hunting. Shown above are three club members and their dogs. They are from left: Edgar Layne, janitor (with Randy Dan and Mike McCoy); Marvin Roush, control operator (with Hot Rod Mack and Hot Rod JoJo); and Edward Baumgarner, son of Claud Baumgarner, material clerk (with Tot, Teen and T). All the dogs are registered beagles and are being taken to the club's 63-acre grounds for training. This area also serves as a good hunting ground. Marvin is a member of the Meigs County Beagle Club and all the dogs have been entered in field trials. Several other employees are also training dogs at the club.

Makes The Split But Still Waits

Ralph V. Gibbs, Jr., has always hoped to see a bowler make a 7-10 split.

The Philip Sporn plant safety supervisor picked up such a split recently while bowling with the Industrial League but he didn't see it. As the second pin fell he was walking back to his seat, his back to the action.

Ralph would still like to see someone make a 7-10 split.

Point Pleasant Contest Is Won By W. O. Sallaz In Lucky Drawing

W. O. Sallaz, line foreman, has won a Point Pleasant contest sponsored by the commercial department.

Each time a range, water heater or dryer was reported by an employee, 25 cents was put in a jackpot and the employee's name was put in a box. This was done in an effort to pick up all appliances which had been sold or moved into the district. At the end of the contest a drawing was held and Mr. Sallaz' name pulled. He won \$48.25.

They Both Knit

Hobbies, More Hobbies Keep Couple In Charleston Busy In Spare Time



Favorite retreat of the Talleys is their recreation room where they both knit while watching television. He is looking at an afghan she is working on. Many of his handiwork items are presented to friends as gifts.

A Charleston couple have more hobbies than they have time to pursue them. C. B. Talley, district manager, and his wife have some sort of project going all the time.

Knitting is the current favorite, keeping their hands busy while watching TV. Mrs. Talley is knitting an afghan in a fan-shaped design. He can match it with samples of his handiwork—those, that is, he hasn't given away as gifts. Some of the gifts have been sets of golf mitts, bed socks, neck scarfs and houseslippers.

Mr. Talley learned to knit during World War I, helping his mother and sister by holding yarn for them. He soon was producing wristlets for soldiers. He just recently took up knitting again when his wife started. He says it's an "ideal way" to relax and wonderful for people who like to do things with their hands.

A camera enthusiast, Mr. Talley likes to develop his own prints. He also is one of the top ten bowlers in

high average in the Kilowatt League, shoots golf in the low 80's and hunts, mostly for quail and grouse. When time permits, he likes to make things in his home woodworking shop.

Mrs. Talley in her spare time also tints photos, works in oil paints on pictures and Towelcraft, braids rugs and sews, mostly for their two grandchildren. All this hobby activity is reflected in their home as pictures, rugs, and ceramics, all add a personal, decorative touch to every room.

Charleston And Kanawha Service Vets Honored

Forty-two veterans from Charleston and Kanawha River plant were honored at a recent service pin dinner.

The employees received pins for service from 5 to 35 years during the last six months of 1956. The dinner was held at the Glass House Restaurant, Kanawha Airport.

Circuit Breakers Win Beckley Title

Only four pins separated the champs from the runners-up when play-offs were held in Beckley recently for first half bowling honors.

The Circuit Breakers, winners of the first quarter, edged the Lightning Rods, second quarter winners, 2,153 to 2,149 for the title. Clyde Marshall captains the Circuit Breakers, with team members Bob West, Jim Crane, Elizabeth Scott and Jim Kirby.

High single game of 222 and high series of 548 are both held by Keith Evans, of the Lightning Rods. The Breakers will roll the second half winners for the league title.

R. R. Smith, J. E. Hammer, Keith Evans, D. H. Williams, Bob Thomas and Jim Lowery roll for the Lightning Rods.

Accounting Breaks Tie To Win Roanoke First Half Title



Members of Accounting, which won the first half Roanoke bowling title are, front row from left: P. C. Ray and T. R. Mitchell; back row from left: V. T. Carr, O. A. Hawkins and Lauren Himes. Not shown are C. R. Hedgecock and W. S. Mattox.

Losing the first game to Stores, the Accounting team bounced back to take the next two and the Roanoke Bowling League first half title.

These two teams had ended the first half with identical 27-15 records and a playoff was scheduled. The two out of three wins in the playoff entitles Accounting to meet the second half winner for the overall championship.

Accounting is also tied for the second half lead, holding a 7-2 record. Stores and Real Estate have also won 7 and lost 2. Leroy Gregory of line and station has high average of 113 and high single game of 163. Tommy Mitchell, Accounting, has high three-game set of 395 while Local Office has rolled the team high single of 606 and team high set of 1,727.

Safety Program Is Based On TV Show

Williamson employees recently came up with another unusual safety program.

This one, like others held in the district, was based on a television program. Using the format of "Down You Go," Mrs. Lorraine Corea and Mrs. Hazel Farris handled the program. The group was divided into two teams and a card placed in front of each employee. Blanks representing letters of a safety slogan were placed on a blackboard and employees guessed letters they represented.

If an incorrect letter was given, the employee turned down his card and dropped out. The game continued until all were out or the slogan was guessed. After each slogan was disclosed the employees discussed it and how it applied to them.

Newcomer To Charleston Bowling Takes First Half Title By One Game



Members of the winning Peddlers are front row from left: Danny Meade, J. D. Porter, Bob Loudermilk, Joe Burdette and Walt Minsker. Back row from left: Frank Toney, O. C. Hall, Jennings Fulkniar, Bob Young and Lindy Jividen.

A newcomer to the Charleston Kilowatt League, the Peddlers team, has won the first half title.

Made up of 10 commercial department men, the Peddlers edged the Meteorites by one game for top honors. Dick Speas had high three-game set of 585 and rolled 10 series of 500 or better during the first half. Bob Selbe rolled high game of 257 and he and Speas had four games each of over 200.

Other individual honors went to Speas with high men's average of 171 and to Pauline Lanham with high women's average of 147. Judy Powers leads the ladies with high series of 491 and high single of 211.

In the handicap division, Bill Rader with 701 has high series for men, Chris Tardy with 638 has high series for women, and Frank Toney and Peggy Trail have high games of 293 and 237.

Beckley Fields Basketball Team



Riding a 4-2 record in tough competition, these employees represent the company in the Beckley City Basketball League. Pictured are from left: Bill Collier, A. O. Yost, K. K. Keatley, Jim Farmer and Jim Morgan. Also on the team are Jack Groseclose, Chester Pate, Bob Thomas and Eddie Zopp.

Test Engineer At Sporn Enters U. S. Air Force

Robert L. Dennison entered the Air Force January 11 and is stationed at Wright Patterson Air Force Base at Dayton, Ohio.

The Philip Sporn plant test engineer was first employed July 23, 1956. A native of Rutland, O., he graduated from Ohio University where he held the rating of second lieutenant in the ROTC.



Mr. Dennison

E. W. Meador Heads Tazewell Rifle Club

E. W. Meador, Bluefield division radio engineer, was elected president of the Battle Knob Muzzle Loaders, Tazewell's chartered muzzle loading rifle club. Collecting and rebuilding old muzzle loading rifles are one of Mr. Meador's hobbies.

Members of the club use old muzzle loading rifles in their target shoots.



Mr. Meador

Teammates Honor Employee's Son



The annual Rodney Runyon Award has gone to Dave Saunders, Pulaski High School footballer. The son of Maxwell L. Saunders, Pulaski lineman, he is shown at center being congratulated by VPI's Assistant Coach McCauley McEver. Others in the picture are from left: Stanley Strickler, Lions Club president, and Pulaski High School Coaches Ed Rockwell, Jack White and Ted Viars. The award, presented at the annual Lions football banquet, is given for all-around ability, cooperation and attitude both on and off the field. The winner is selected by his teammates. Named for a former Pulaski grid star who was permanently injured in a college game, the award consists of an engraved watch. Coach McEver was the speaker for the evening and the award was presented by Bill Flint, "Southwest Times" editor, in the absence of the donor. Photo courtesy "Southwest Times."

28 Youths Enter Awards Competition

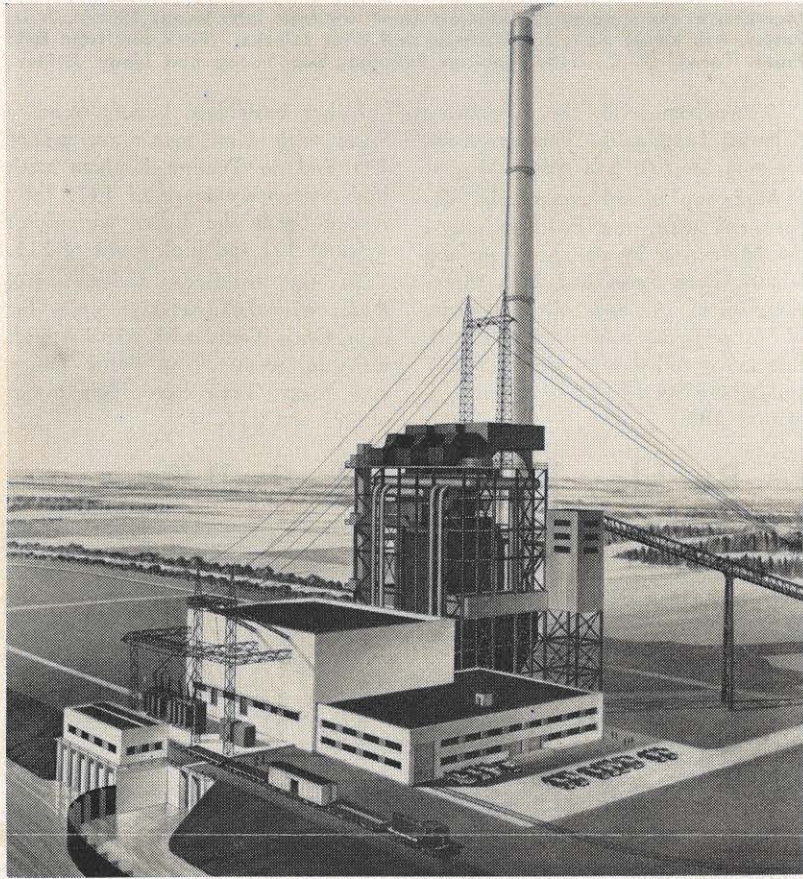
A total of 28 sons and daughters of employees from our companies have entered the Third Annual AGE Educational Awards competition.

Of this number, 22 are from Appalachian, one from Central Operating (Philip Sporn plant), three from Kentucky and two from Kingsport. They will compete for eight \$500 awards when they take the standard College Entrance Board Scholastic Aptitude Test March 16.

Two awards will be given for the top youngsters in Appalachian and another will go to a student among Central Operating, Kentucky, Kingsport, Wheeling Electric and Beech Bottom Power. Other awards this year will go to Ohio Power (two), I&M (two) and AGE Service Corporation (one).

Last year a total of 27 students entered the competition from our three companies. This included 19 from Appalachian, one from Sporn, two from Kentucky and five from Kingsport.

Architect Sketches Breed Plant



This is an architect's sketch of what the building to house the world's largest steam-electric generating unit—450,000 kw—will look like when it is completed. This revolutionary new unit, which will be 73 percent larger than any power generating unit operating today, will be installed at the Indiana & Michigan Electric Company's new Breed plant, on the Wabash River south of Terre Haute, Ind. It will cost an estimated \$58-million. It is the first of two to be constructed on the AGE System, the other slated for Philip Sporn plant. This sketch was featured on the cover of the December 24 issue of "Electrical World." The magazine also carried a six-page article describing features of the unit.

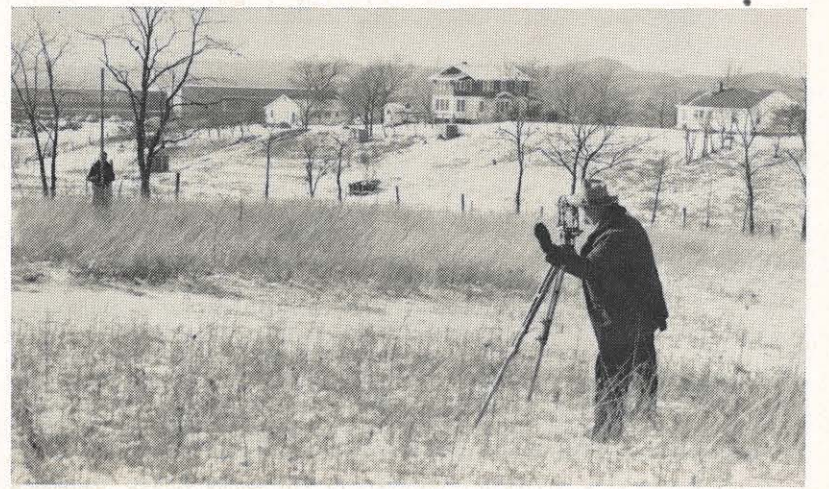
Bluefield Service Building Site Acquired

Land has been acquired for a new Bluefield service building which may get underway in 1957. The 3.14 acre site is on Route 52 near the foot of East River Mountain in South Bluefield.

Survey work must be completed and plans drawn for the building before any construction will get underway. The building will house departments now located in several sections of Bluefield and include a conference room.

Aside from its downtown office building, the company has facilities for the system transmission department shop, store room, garage and line crew headquarters on Bluefield Avenue. The district warehouse, line crew, station maintenance, meter and service facilities also are located on Bluefield Avenue, one of the city's most heavily-traveled streets.

These departments, including the district appliance service shop, and



Surveying the new Bluefield service building lot are George G. Wilburn, chief of party at right, and William C. Cox, rodman. The building at left rear is the new high school under construction.

some now located in the general office building will be housed in the new service building.

Roanoker Selected As Ruritan Leader

Roy M. Foster has been named president of the Colonial Ruritan Club of Blue Ridge.

The Roanoke district area sales representative is a charter member of the club, organized in 1950, and has served two years as secretary. He has been an employee since 1926, when he



Mr. Foster

joined the company as a clerk in the meter department. He moved to his present position in 1944.

Mr. Foster is an active member of the Blue Ridge Church of the Brethren, where he teaches Sunday School, is assistant moderator and has served nine years on the National Men's Cabinet. He is married and has three sons.

Pulaskian Elected Master Of Lodge 239

O. B. Kidd has been elected Worshipful Master of Pythagoras Lodge No. 239 at a recent Masonic Temple meeting.

The Pulaski area supervisor was one of three employees elected to offices. Winston E. Miller, line inspector, was named senior deacon and Posey C. Payne, transportation supervisor, was elected secretary.



Mr. Kidd

A member of the lodge since 1945, Mr. Kidd is also active in the Royal Arch Chapter and Eastern Star. He is now past high priest of Royal Arch Chapter No. 39.

Mr. Kidd was employed in Pulaski as a lineman on February 15, 1926 and was promoted to his present job October 1, 1953.

Appalachian Veteran Completes 35 Years

Paul T. Smith, system chief draftsman in Roanoke, has completed 35 years with the company.

He was first employed by the Kentucky and West Virginia Power Company at Logan September 15, 1921

as a draftsman in the construction department. On March 15, 1922 he left the company and returned July 15 the same year, rejoining the construction department in Huntington.



Mr. Smith

He was placed in charge of all map work as chief draftsman in November 1922. He accompanied the department when it moved to Charleston in September 1923 and when it came to Roanoke as system real estate and right of way in November 1925.

Married, Mr. Smith is a member of Our Lady of Nazareth Catholic Church.

Dust Collector Tubes Repaired

Maintenance is constant at our plants. Because of the constant strain put on generating equipment, it must be watched closely, and parts repaired or replaced.

Units 1 and 2 at Kanawha River plant were down last month for maintenance work, including turbine valve cleaning, boiler inspection and repair, and dust collector tube replacement.

There are 1,100 tubes in the Kanawha dust collectors. Flue gas is channeled through these tube assemblies, causing cyclone action and

separation of fly ash from flue gas. This centrifugal force action can be compared to that of a cream separator.

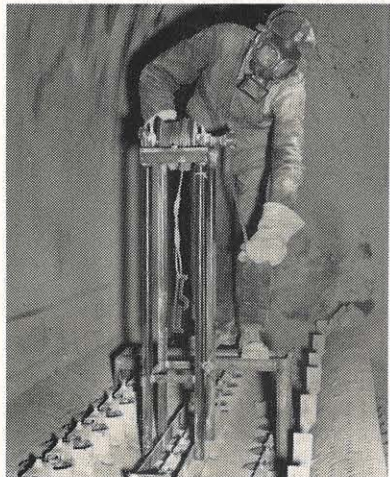
These dust collectors are installed to collect a high percentage of the fly ash that would otherwise be discharged into the atmosphere. At Kanawha, this fly ash had worn out tubes with its abrasive action. So the tubes had to be replaced. The accompanying pictures show replacement of a tube.

Quite often, too, just part of a tube has to be replaced. Actually at Kanawha a leaking tube is the main

reason a boiler has to be removed from service. Replacing just part of a tube involves cutting out the bad section, fitting in a new section and welding it in place.

Important in the work on a boiler is the equipment worn by employees. Fly ash particles and sharp metals are safety hazards, so the men wear goggles, breathing apparatus and gloves.

Besides repairing boiler tubes during the recent outage, Kanawha employees inspected and repaired preheaters, forced draft fans and ash hoppers.



The first step in replacing a tube in the boiler is taken here by J. W. Paxton, Jr. He is preparing to lower the lifting cable down through a space for a new tube in the boiler.



At the other end, F. D. Carelli and S. E. Kees have pulled the lifting cable through the side of the boiler hopper and down through the new tube. Note the hook at the lower end of the tube. They are assisting in getting the tube back up into the hopper, pushing as the lifting cable is being pulled from the other end.

At Kanawha Plant



Standing below a pattern of tubes, C. C. Murrill helps in the completion of replacing a tube. With the aid of guide rods, plus the lifting cable, he is pulling the tube up into position inside boiler No. 2 at Kanawha River plant. These tubes are part of the process which prevents a high percentage of fly ash from being discharged from the plant stacks.