

Life is like a game of tennis—the player who serves well seldom loses.

The Illuminator

He most lives who thinks most, feels the noblest, and acts the best.



Mr. Vaughan

Sloan Fellowship At MIT Awarded John W. Vaughan

John W. Vaughan, system supervisor of commercial and industrial sales, has been awarded an Alfred P. Sloan Fellowship in Executive Development at the Massachusetts Institute of Technology.

These fellowships for a full year of education in management at MIT are granted to outstanding young business leaders both in the United States and abroad. Mr. Vaughan will begin the year of study in June.

During Mr. Vaughan's absence, Ronald H. Hively, commercial manager of the Charleston division, will move to Roanoke and serve as acting supervisor of commercial and industrial sales.

A Fellowship was also awarded W. A. Black, East Liverpool district manager of Ohio Power, and he and Mr. Vaughan are the fifth and sixth AEP employees to be so honored. The other four, granted Fellowships between 1954 and 1960, were AEP Service Corporation employees.

A native of Blackstone, Va., Mr. Vaughan was graduated from Duke University in 1947 with a BS degree in electrical engineering. He joined Appalachian in 1947 as a

(See John Vaughan, Page 3)

Electric Heat Records Made

New highs in the sale and installation of electric home heating were reached during the period March 15-April 15 by Appalachian.

A total of 279 sales were made in that period, more than in any other month in company history. And of 112 resistance heating installations made, 62 were conversions, the first time in history conversions have exceeded new house installations during a one-month period.

Of the 279 sales made in Appalachian territory, 189 were resistance and 90 were heat pumps. A total of 202 of the 279 were sales for new homes, and 77 were conversions in existing homes.

During March 15-April 15, there were 126 installations made, 112 of them resistance and 14 heat pumps. Of the 126, 63 were new, 63 conversions.

'Dynamic' AEP System Area Will Continue High Use Of Electric Energy, Sporn States

The mounting momentum of the nation's economy will bring a near seven percent increase this year in electric energy sales of the American Electric Power Company, shareowners heard at their annual meeting in New York on April 26.

Philip Sporn, president of AEP and of our companies, told the gathering that "because the AEP System area is an especially dynamic part of our economy, it will continue to use in the future, as it has in the past, more electric energy per capita than the country as a whole.

"If the economic recovery that now appears to be underway continues, as we fully expect it will, system input—a measure of the kilowatt-hours made available to customers—can be expected to exceed 1960 levels by increasing amounts, so that for the year as a whole we expect results on the AEP System to improve substan-

tially on last year's performance."

He noted that several reductions in rates, particularly for electric heating, were put into effect in 1960. He said the company will continue to explore new areas of service that are opening up as a result of its building and operating of highly efficient equipment and facilities and the steady lowering of rates.

The company will spend roughly \$1-million more this year than last on the "most ambitious sales promotion campaign in our history," aimed particularly at electric heating, Mr. Sporn stated.

"We are working particularly hard on our distribution facilities to meet the growth we expect from our heavy promotion of the all-electric home, the all-electric commercial establishment and the all-electric industrial establishment."

To meet this anticipated growth in power demand, AEP has not retarded materially its system expansion, and plans to put into operation by the end of 1964 an additional 1,510,000 kilowatts of generating capacity.

Research and development efforts are also being intensified in the broad fields of energy generation, transmission and distribution, he said, noting that these efforts are already bearing fruit in the form of better facilities having lower capital cost and capable of more efficient operation and maintenance.

"We are confidently looking forward to building better plants, better transmission systems, better distribution systems, and being able to operate them so as to continue to give our customers each year more service per dollar of revenue," he stated.



Mr. Cook

D. C. Cook Named V-P And Assistant To AEP President

The election of Donald C. Cook as vice president of American Electric Power Company and his appointment as assistant to the president were announced April 26 by President Philip Sporn. The election took place at the annual organization meeting of the company's board of directors following the annual shareholders' meeting held that morning.

Mr. Cook joined the American Electric Power Service Corporation, the service organization of the AEP System, in 1953 as vice president and director, and was elected executive vice president, legal, finance and accounting, in 1954. He is also a director and member of the executive committee of the parent company and a vice president and director of each of the six operating subsidiary companies of the parent.

Mr. Cook was a member of the Securities and Exchange Commission staff during the period 1935-45 and was appointed an SEC commissioner in 1949. He was elected vice chairman of the SEC in 1950 and chairman in 1952. He has also been special counsel to the house committee on Naval affairs, 1943-45; executive assistant to the attorney general, 1945-46; director of the Office of Alien Property, 1946-47; and chief counsel to the preparedness investigating sub-committee of the Senate Armed Services Committee, 1950-52.

Major Construction Step

Concrete Is Poured At Leesville As Two-Dam Project Progresses

A major step in the construction progress of the Smith Mountain Combination Hydroelectric Project on Roanoke River in Virginia was taken April 18 when the first concrete was poured at the Leesville Dam, the smaller of the two structures in the project.

About 850 cubic yards of concrete were poured in the spillway section, the first pouring at either of the two dams. By November 1962, estimated completion date for the Leesville Dam, about 140,000 cubic yards of concrete will have been poured to form the structure.

This pouring is just one of the many scenes of progress at the two sites, 17 river miles apart. At Smith Mountain Gap, rock excavation for the larger concrete arch dam is about three-quarters complete. The sides

of the mountain forming the gap through which the river flows are rock, and consolidation drilling and grouting have begun there. In this process, holes are drilled about 10 feet apart and 15 feet deep, and grout, which is a mixture of cement and water, is forced under pressure into the drilled holes. Thus, any existing cracks or fissures are filled, consolidating the rock structure.

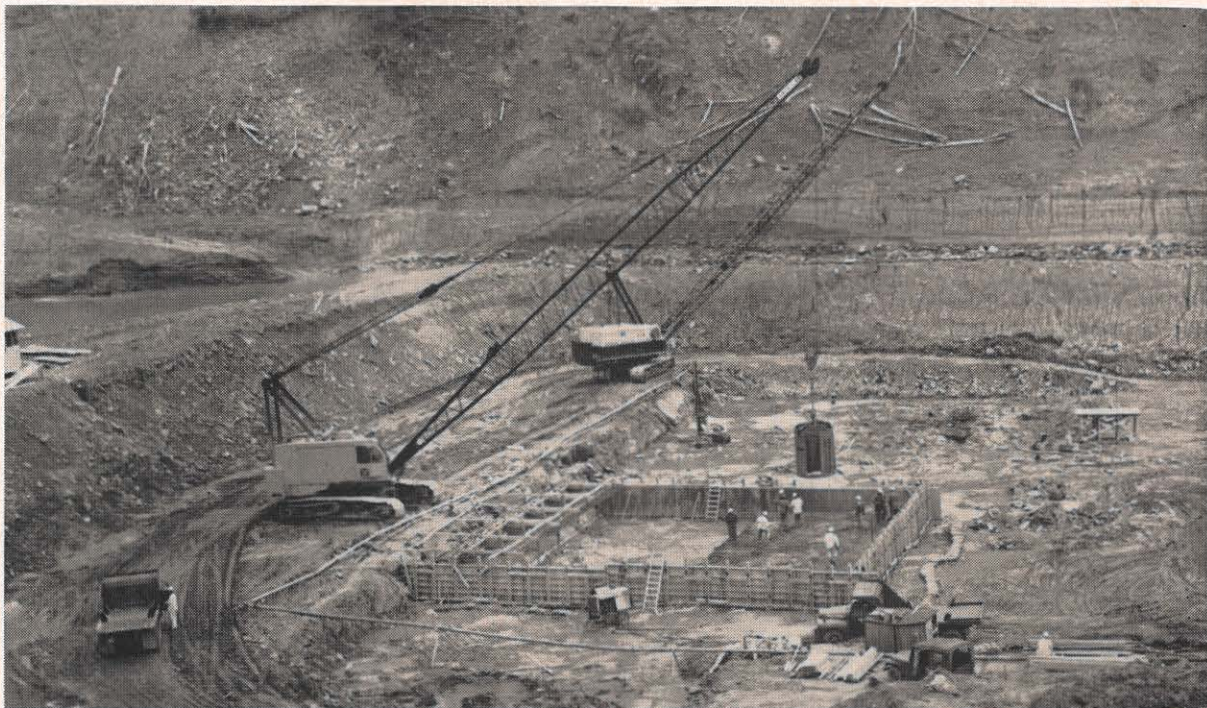
Concrete pouring at the upper dam will begin soon, where the concrete plant and aggregate conveyors are near completion. A traveling carriage, suspended over the gorge by a cableway, is complete. It runs from one side of the gorge to the other and will be used to move cement out over the gorge for actual pouring into the forms. The cableway is now being used to help remove excavated

materials.

Although bad weather has hampered work somewhat, progress is being made on the facilities to divert the river to make way for excavation of the base of one side of the dam. When completed, it will include seven sheet steel piling cells in the river near the north bank connected in between with piling to form a channel along the north bank. An upstream and downstream cofferdam will seal off this area while portions of the dam and powerhouse are being erected.

Meanwhile, at Leesville, earth and rock excavation in the dam and spillway section on the south side of the river is complete and facilities for

(See Leesville, Page 3)



A 100-ton crane, buckets holding four cubic yards of concrete, trucks and men combine in the first pouring of concrete into the spillway section at Leesville Dam, the smaller of two dams in the Smith Mountain Combination Hydroelectric Project. In this picture, looking north, the bucket over the men is descending with its load of

concrete, after being picked off the truck at left by the crane. In the background is the cofferdam diverting the river from the work area. Beyond the concrete forms is the area in which consolidation drilling and grouting is being done preparatory to the next concrete pour. Pouring will begin soon at Smith Mountain Dam.

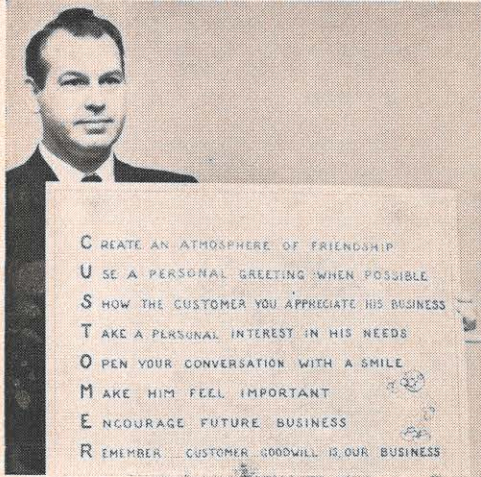
Illuminator Wins 'Freedoms' Award

THE ILLUMINATOR has been presented a George Washington Honor Medal Award by Freedoms Foundation at Valley Forge, the third time the newspaper has received the award.

An honor medal also went to C. Richard Lovegrove, editor of THE ILLUMINATOR. The paper was one of only 36 in the nation honored in the award category of "corporate and non-profit publications."

The award was based on material appearing in the paper from November 1, 1959 through October 31, 1960. The medal was given THE ILLUMINATOR and others for "current programs or activities which create or support a better understanding of our great fundamental American traditions in their application to the every-day lives of citizens of our Republic . . ."

Medals were also won by THE ILLUMINATOR in 1950 and 1958.



The Friendly Art Of Customer Relations

The customer is a most important part of any business. This is particularly true of our companies, because, as investor-owned public utilities, one of our chief aims is service to the public.

Someone once said that "the customer is not a cold statistic; he is a flesh and blood human being with feelings and emotions like our own and with biases and prejudices. He is the most important visitor ever in our office, whether he comes in personally or by mail or over the telephone."

Arnold Crotty, Bluefield engineering aide, is one who realizes this, and carrying it further, he has compiled a "customer relations primer." Admittedly it is chiefly aimed at those of us who are in contact with our customers every day. But its points also apply to each of us as employees who want our company to be held in good opinion by our communities and neighbors.

Mr. Crotty covers eight concise, important points. His primer reads:

- "Create an atmosphere of friendship. Use a personal greeting when possible. Show the customer you appreciate his business.
- Take a personal interest in his needs. Open your conversation with a smile. Make him feel important.
- Encourage future business.
- Remember—customer goodwill is our business."

Not by coincidence, the first letters of these points spell out that person who "is a part of our business, who is the purpose of our work"—the customer.

Wise Words

If men would consider not so much wherein they differ as wherein they agree, there would be far less of uncharitableness and angry feeling in the world.

—JOSEPH ADDISON

The Illuminator

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Your Opinion

IN THE SPOTLIGHT

What do you think should be the objective of a vacation?



KAY WILLIAMS, Cashier, Kingsport

I think the objective of a vacation is to benefit the employee and the employer.

While on vacation, you should forget the worries and the everyday routine of your job. Do whatever you enjoy the most whether it be visiting relatives, taking a pleasure trip or just relaxing at home.

When your vacation is over, you should feel rested and ready to return to your job and work hard until next year's vacation.

I believe that if there were no vacations it would show up in the accuracy and the quality of the work done.

A vacation to me is like a reward. It gives you something to look forward to and to work toward.



VERDIE LINKENHOKER, Power Billing Clerk, Sr., Roanoke District

Vacation to me means rest, relaxation and freedom from the duties and responsibilities of my work. In the sun and sand of a beach, I can find this. I even find rest and relaxation in being at home for a week or more. I have visited a number of large cities, and as far as sight seeing and shopping tours are concerned, I find this very tiring.

I am one of the very fortunate people who get several weeks' vacation with pay for which I am very grateful. This means I may enjoy my vacation with no financial worries. Some say they cannot afford a vacation, I believe that one cannot afford not to take a vacation.



ROBERT E. HERNDON, Test Engineering Aide, Philip Sporn Plant

Have you ever heard this statement? Boy, I'll be glad when my vacation is over, so I

can go to work and get some rest. I am sure such a statement could be taken lightly, however it does stress an important point. Mr. Webster's dictionary gives the definition of a vacation as a period for rest and recreation. Will you use your vacation just as a change of pace, or to earn a little extra money?

I think the objective of a vacation should be rest and recreation. This should include the family as a unit, for at least a portion of the vacation. It would then be good for the parents, if possible, to spend some time without the children. We could then revise the opening statement by saying, Boy, I'll be glad when my vacation comes so we can rest and have some fun.



DALLAS A. KINSER, Station Man, Logan District

I think the objective of a vacation should be to do the things you enjoy doing the most. For me, these include traveling, recreation, relaxation, and visiting friends and relatives who live at distant places.

Evaluating each of these objectives, I find relaxation the most important. I particularly enjoy sleeping that extra hour or two in the mornings, or a nap in the afternoon.

Traveling is educational and pleasurable for the entire family. Then, combining visits with recreation, I play golf, badminton, etc., and visit museums, galleries, parks and zoos with relatives and friends.

I believe that each vacation allows our children to be further educated while enjoying themselves. A change from the routine of daily living is good for them, and it is particularly good for my wife and me.



LUCY E. MILLER, Home Service Representative, Pulaski District

To me, a vacation is a definite period of time when we do not have to work at a regular job. It provides a time for us to forget ordinary duties and cares.

The human body cannot operate at full efficiency without frequent rest. A change in routine helps restore people's bodies, minds,

and spirits, to full power.

Doctors report that many illnesses of the body and nervous system can be cured by a rest from normal, everyday activity. Employers have also discovered that their employees usually work more efficiently after a vacation.

The possibilities of things to do on a vacation are almost countless. Improvements in transportation have made it possible for vacationers to travel to almost any place they choose.

Vacation fun can also include camping in your own yard, hiking, or furthering one's interests in a hobby.

A vacation offers us a challenge to use our initiative to do something worthwhile.



KATHRYN WILKERSON, Assistant Credit Supervisor, Charleston District

When it's vacation time, my first thought is to get away from my present surroundings. My idea of a vacation is to leave town and go to a definite spot or resort where I can rest, relax and enjoy luxuries for which I have been planning and saving.

If possible, one should not budget himself, as a vacation is the time to forget penny pinching and saving. I like a planned vacation, so the only traveling necessary is to reach my destination as soon as possible and remain at a resort until time to return. Staying with friends or relatives during vacation is strictly taboo so far as I'm concerned. My family and I enjoy the same recreation, so it is no problem deciding the place or type of vacation. To me, vacations are labeled, "Pleasure—relaxation and fun!"



ELIZABETH JOYCE KING, Credit and Collection Clerk, Pikeville District

Vacation is a time of year to which we all look forward. It is a time in which we forget about our everyday routine and just try to relax and have a good time.

People who travel frequently in their work enjoy just being at home for a change. Others that live and work in one place like to travel to different vacation spots. For some, that is a visit to families or friends who live in distant places; for some, a time to participate in favorite sports and recreation.

For me, it is a time of rest and a time to be with my family doing the things we like to do together.

Service Is Increased To Largest Customer

New facilities to increase service to Appalachian's largest industrial customer have been completed.

Work was done at the company's Chemical station, and a new line was constructed across Kanawha River, to furnish additional electric power to Food Machinery & Chemical Corporation. This company has a demand of 59,000 kva, larger than any other industry on Appalachian lines.

Two towers were constructed on either side of the river and a 46,000 volt line was built. At Chemical station, larger conductors were installed to handle the increased load, and FMC built a new station of its own as part of the project.

The Chemical station, a major transmission station in the Appalachian network, also handles loads for Union Carbide at South Charleston and some distribution stations serving Charleston.

Food Machinery produces chlorine and its associated products, using as its raw material a prehistoric deposit of rock salt and salt brine, called the "Great Salina Sea", underlying large areas of West Virginia, Ohio, Pennsylvania and New York.

Director Of AEP R. T. Haslam Dies

Robert T. Haslam, a director of AEP Company since 1951 and a member of the executive committee of the board of directors, died of cancer April 4 in Florida, where he made his winter home.

A consultant and a director of W. R. Grace & Co., New York, Mr. Haslam received his chemical engineering degree from Massachusetts Institute of Technology in 1911. He was a former vice president and director of Standard Oil Company (N. J.).

Mr. Haslam, who lived in Short Hills, N. J., was also a life member of the MIT Corporation, a member of the American Institute of Chemical Engineers, American Petroleum Institute and Society of Automotive Engineers, and a Fellow of the British Institute of Fuel Technologists.

The plant, under the name of Warner-Klipstein Company, came into existence during World War I when chlorine and caustic supplies from Germany were cut off. By the 1920's it was the largest such plant in the world. Later, Westvaco Chlorine Products Corporation acquired the plant, and expanded production capacity and the number of chemicals produced. In 1948 Westvaco and Food Machinery and Chemicals Corporation merged.

Today the plant produces some 20 major chemicals, which find their way into such products as Prestone,

rayon, detergents, insecticides, solvents, refrigerants, plastics, paints and others.

Through the years, Appalachian service to this plant has been strengthened. At the same time, the plant's demand has grown. During World War II it was 400 kva, by 1951 it was 30,000 kva and today it is 59,000 kva.

Recently FMC purchased the vacated U. S. Naval Ordnance Works in South Charleston, promising further growth of this important industry.

Joe Gills On Assignment To Advise Israel Electric

Joe P. Gills, Charleston division manager, left April 29 for Israel, where he has undertaken a brief assignment to advise The Israel Electric Corporation.

He will survey and advise on problems of organization, operation, and the carrying out of maintenance of the generation, transmission, and distribution facilities of Israel Electric, and organization and operation of the company's commercial activities.

Announcement of Mr. Gills' assignment in Israel was made by Philip Sporn, president of Appalachian and of American Electric Power Company.

He said that he had recommended Mr. Gills for the task at the request of Israel Electric. Due to his extensive background of experience along these same lines with Appalachian, the recommendation was gladly accepted by the government-owned Israel utility, Mr. Sporn reported. All of Mr. Gills' expenses will be paid by Israel Electric, he added.

Mr. Sporn pointed out that the size and geographic characteristics of the Charleston division were similar to those of the territory served by Israel Electric. Mr. Gills, who is expected to be in Israel for about four months, will be based in Haifa, location of the utility's general office. He will travel extensively, however—



Mr. Gills

from the Lebanon border on the north to the Negev on the south during his survey work.

Mr. Gills is a 27-year veteran with Appalachian, having started as a storeroom helper in Pulaski. He was district manager in Abingdon and in Logan prior to being named Charleston division manager in 1954. He is an electrical engineering graduate of Virginia Polytechnic Institute, and is a former major in the United States Army Engineers.

Philip Sporn Plant To Be Scene Again Of Test Project For Student Engineers

Philip Sporn plant will be the site of the AEP System's sixth annual Test Project for student engineers. It will run from June 12 to September 10, and is the third time Sporn plant has been the project site.

The project consists of test work by 12 college seniors to determine the condition of all major mechanical components of a power plant with the aim of increasing the plant's operating efficiency, particularly in the use

John Vaughan . . .

(Continued from Page 1)

power sales engineer at Roanoke and two years later went to Fieldale as district commercial manager. He returned to the Roanoke district as its commercial manager in 1955 and became commercial manager of the Roanoke division in 1959. He was promoted to his present position in 1960.

In 1959, Mr. Vaughan completed a Public Utilities Executive Course at Georgia Institute of Technology at Atlanta, Ga.

Sloan Fellowships for participation in the management education program are considered among the highest honors which can come to young men during their business careers. The Fellows are carefully selected by MIT from a group of executives whose employers nominated them for admission to the program.

Mr. Vaughan will move his wife and four children to Cambridge, Mass., for the year of study.



Four cubic yards of concrete are released from the bucket, part of the approximately 850 cubic yards poured in this first concrete work at either dam.

Leesville Pouring . . . (Continued from Page 1)

diverting the river are also finished. A channel was dug along the north river bank and an earth cofferdam was built in midstream into the south bank.

Here too, consolidation drilling and grouting and rock foundation preparation are progressing.

Work at the Smith Mountain dam

is being done by Sollitt Construction Company of South Bend, Ind. and at the Leesville dam by S. J. Groves and Sons of Minneapolis, Minn. Appalachian has a staff of 52 people at the two locations to oversee the work and direct it. For a story of these people see page 7 of this issue.

Leo Hovi Promoted To New AEP Post

Leo Hovi, mechanical engineer with the AEP Service Corporation, has been promoted to the newly created position of assistant section head in the results section, mechanical engineering division.

He will have charge particularly of instrument and control work on new generating units under the general direction of A. S. Grimes, section head. He is a 1952 graduate of the U. S. Merchant Marine Academy and joined AEP in 1955.

AEP Safety Lead Retained By KUI

Kingsport Utilities, Inc., winner of the 1960 award, led the AEP System Division Safety Contest at the end of the first quarter of 1961.

Through March 31, employees of the company had worked 1,430,651 manhours without a disabling injury since the contest began in January 1955. Runner-up was the Marion-Muncie division of Indiana & Michigan Electric Company.

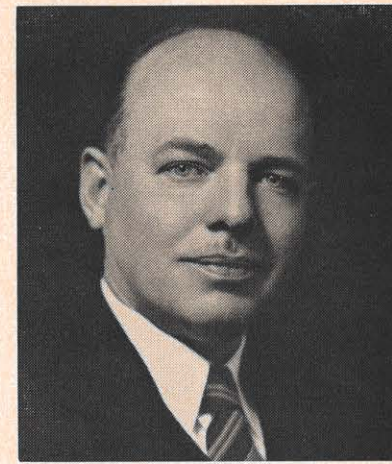
Others in the top 10 from our companies were: Logan plant, third; Clinch River plant, sixth; Kentucky Power, seventh; Cabin Creek plant, ninth; and Charleston division, tenth.

Bare Hands At Work



Before a rapt audience of company personnel and a scattering of newsmen, J. B. Doss, general foreman, and R. J. Fisher, foreman, of the system transmission line department, demonstrated the revolutionary "bare hands" maintenance technique in Roanoke last month. The idea, based on the principle that current does not flow when there is no difference in voltage between two points, was developed into workable practice by American Electric Power Service Corporation engineers, and announced last fall by Philip Sporn, AEP president. Harold Rorden, AEP high voltage practices engineer, was in charge of the demonstration, designed to determine the method's merits in the various terrains and under various conditions existing in the company area.

S. N. Fiala Named Director Of AEP



Mr. Fiala

S. N. Fiala, vice president and chief engineer of the AEP Service Corporation, has been elected a director of American Electric Power Company.

His election fills a vacancy created by the death of R. T. Haslam on April 4.

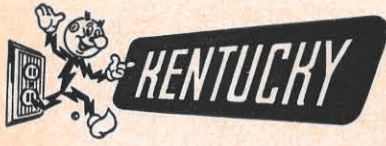
Mr. Fiala is a veteran of 27 years' service with AEP. He was appointed head of the Service Corporation's mechanical engineering division in 1945, was named chief engineer in 1954 and elected a vice president in 1957.

He is also a director of the Service Corporation and of Kentucky Power, Ohio Power and Wheeling Electric.

Large School Goes To Electric Cooking

One of the largest consolidated schools in the Hazard district is converting to electric cooking.

The Letcher Consolidated School near Blackey, with an enrollment of over 700 grade and high school students, is converting its kitchen. It is one of the newer schools in the district. Lunch for the students who eat at school every day will now be prepared electrically.



Pikeville

Activities in music by employees' children made news . . . Deborah, daughter of Ralph Damron, district chief of party, placed first in a clarinet solo at a recent Pikeville music festival . . . Nancy, daughter of R. C. Anders, station foreman, received an excellent rating in the clarinet and played in the all-festival band at the close of the session.

Ashland

Thomas J. Cogan, engineering aide, has been installed as watchman of shepherd of the White Shrine . . . Nancy Louise Russell, daughter of Otto H. Russell, electric plant stores accounting supervisor, was inducted into the National Junior Honor Society in ceremonies at Putnam Junior High School . . . Richard Wade, son of D. P. Wade, commercial department residential sales supervisor, spoke to the candidates on the ideals of the society, of which he is treasurer . . . Carolee Busch, stenographer for engineering, stores and distribution, was presented a baby stroller on her resignation.



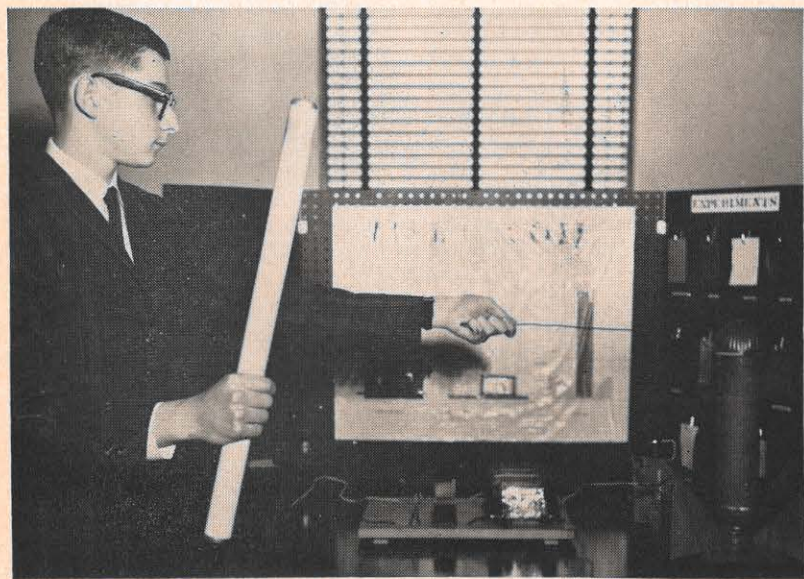
Philip Sporn Plant

Nelson R. Roush, master maintenance man, was recently appointed a member of the Town Council of New Haven to fill an unexpired term. After his appointment, he was named street commissioner . . . Robert E. Herndon, test engineering aide, and William R. Hayes, maintenance foreman, have received certificates naming them qualified vibration analysts after training at the International Research and Development Corporation of Columbus, O. . . . Kitty, daughter of Rome Williamson, supervisory assistant, will represent Wahama High School at Girl's State under the sponsorship of the New Haven Rotary Club and the American Legion Auxiliary.

Point Pleasant

Diane Crump, daughter of J. R. Crump, line foreman, has been tapped for membership by the National Honor Society at Point Pleasant High School. She is a junior.

Award Winner



Awarded alternate first place medal in a science fair was this Tesla Coil, designed and built by Ben E. Smith, son of W. Q. Smith, accounting department, Kingsport Utilities. Ben's project won the medal at East Tennessee State College, and was entered in the Southern Appalachian Science Fair at the University of Tennessee. The Tesla Coil is a device that converts ordinary house current into high frequency, high voltage current, useful in studying corona effects.



. . . Among Employees and Their Families



Williamson

School, civic, church, Girl Scout and first aid activities occupied employees . . . Two completed school courses. B. J. Barbour, appliance serviceman, finished a three-year course in electric heating and air conditioning, and Virginia Stafford, general clerk, completed a shorthand course . . . Mrs. George T. Boothe, wife of the commercial sales representative, was named treasurer of the Tug Valley Junior Woman's Club . . . Sue, daughter of Hazel Farris, pre-audit clerk, was a delegate from her troop to Cincinnati for an observance of the 100th anniversary of the Girl Scouts . . . Barbara Stafford, daughter of Virginia Stafford, represented the First Presbyterian Church at the Vocational Guidance Counseling Center at Davis-Elkins College . . . George N. Hairston, janitor, was master of ceremonies at an Adult Talent Show at Liberty High School . . . Accounting employees completing a first aid refresher course were Myrtle Bevins, Naomi Cantes, Hazel Farris, Glenn Felty, Patsy Hackworth, Wayne Herald, Frances Keagle, C. J. Maynard, James Preston, Jr., James Robinson, Virginia Stafford, T. F. Valley and H. M. Strong, Jr.

Huntington

Congratulations to Shirley Adams, Service Corporation lab, who was elected Girl of the Year by her sorority, the Phi Kappa chapter of Beta Sigma Phi . . . Marian A. Messerian has been employed as home service representative . . . Mrs. June Deal of the Service Corporation lab was elected vice president of the Sigma Kappa Alumnae chapter of Huntington.

Logan Plant

Coy E. Marshall, chief plant dispatcher, was re-elected to the board of the Logan Rotary Club . . . Members and sponsors of Boy Scout Troop

219 of Justice Addition were conducted on a tour of the plant by Lanna D. Adams, administrative assistant, and Gary V. Mauck, test engineer.

Logan

Elections dominated the news from Logan . . . Mrs. Ruby Henritze, wife of retired employee T. L. Henritze, was named president of the Logan Woman's Club . . . M. A. White, working foreman, is the new Exalted Ruler of Logan Lodge 1391 BPO Elks, advancing from the position of leading knight . . . H. J. Collins, personnel supervisor, has been re-elected secretary of the Logan Community Council.



Mr. and Mrs. Gus Allison attended the Southeastern Southern Regional Conference of the National Association of Bank Women in Miami Beach. She is an employee of the Kingsport National Bank, and he is stores supervisor for the company.



Glen Lyn Plant

Several employees participated in the annual Minstrel show put on by the Rich Creek Lions, including Sidney Freeman, Samuel Elliott, N. J. Jesse, J. O. Heslep, O. S. Knight, E. C. Weatherly, C. B. King, Jr., E. A. Painter, Francis Epling and E. E. Thompson.

Bluefield

This was a month of honors to employees in the form of elections and appointments . . . Bertha M. Hall, Princeton utility clerk, has been elected corresponding secretary of the Princeton Quota Club . . . Chalmers M. Bailey, division right of way supervisor, received two important appointments: One to the City Planning Commission, Bluefield, W. Va., and the other to the Firemen's Civil Service Commission as representative of the Greater Bluefield Chamber of Commerce . . . Eileen Wagner, accounting clerk-trainee, is the new vice president of Circle No. 7, Grace Methodist Church, in Bluefield . . . Jane, wife of Howard S. Meadows, district engineer, president-elect of the Bluefield Civic League, was a delegate to the meeting of the West Virginia Federation of Women's Clubs held recently at the Greenbrier Hotel, White Sulphur Springs. Also, while donating her 20th pint of blood to the Red Cross, Mrs. Meadows was the surprised recipient of a transistor radio for being the 7,000th blood donor since the Bloodmobile program was initiated by the Princeton chapter of the Red Cross . . . Our heartiest welcome is extended to Gray H. Neel, Jr., who has replaced Herbert D. Lester as office messenger . . . A bingo party-pot luck supper

was held in the auditorium April 12, with 60 employees and guests in attendance . . . Cynthia, 14-year-old daughter of Basil M. Vassar, division agricultural sales engineer in Tazewell, won first-place honors in the 8th grade girls' division of the Tazewell County Science Fair with an exhibit of "Dinosaurs" . . . Linda, daughter of Greever C. Roach, truck driver-groundman, has been elected publicity chairman of the Graham High School Tri-Hi-Y Club, sponsored by the YMCA. She recently represented that organization at a district Hi-Y workshop in Saltville.

Welch

Welcome back to Joel R. Pugh, draftsman, who has returned after two years' military service . . . Several Switchback employees have completed a first aid course, including Ralph Slade, F. L. Lineberry, R. A. Gilmore, Millard Gibson, J. J. Harman, E. C. Brown, R. P. Jackson, H. W. Martin, W. C. Sexton, B. A. Widener and B. E. French . . . Melbia Jones, clerk stenographer, has resigned . . . Mrs. O. L. Robinson continues to be honored as librarian of the McDowell Public Library. She has just been named to the West Virginia State Library Committee. She is the wife of the local office manager . . . G. B. Gent, lineman, has completed a correspondence course on the Practical Lineman . . . Janet Browning, clerk stenographer, was elected recording secretary of the Junior Woman's Club . . . Named to offices in the Wesleyan Service Guild of Welch Methodist Church were Alice R. Spencer, spiritual life secretary, and Betty Marino, treasurer . . . Lovis R. Mitchell, who is leaving for Abingdon, was presented a gift for her service to the Guild.

Pulaski

Church activities made news for two men . . . Carl A. Schmidt, customer service clerk, has been appointed to the executive board of the Virginia Synod, United Lutheran Church Men for a second term, and is serving as alternate delegate to the national convention . . . And Vernon W. Hinton, division meter engineer, is serving as junior warden of Christ Episcopal Church . . . Diana Love,

daughter of R. H. Love, electrical engineer, has been elected president of the sixth grade at Claremont Elementary School . . . W. H. Spangler, line supervisor, has received instructor trainer authorization from the Red Cross for the third year.

Clinch River Plant

Wives of employees will play an important role in the activities of the Russell County chapter of the Order of the Eastern Star next year . . . At installation night, these wives were honored: Mrs. M. H. Stevenson, Jr., secretary; Mrs. W. G. Matthews, Jr., marshal; Mrs. W. N. Hall, Jr., sentinel; Mrs. C. E. Browning, electa; and Mrs. R. E. Senter, organist . . . C. E. Archer has been appointed a member of the Lebanon Planning Commission, of which J. S. Carter is a charter member and new-

(See Clinch River, Page 11)



Smith Mountain

Welcome to new employee Iris St. Clair, payroll clerk.

Fieldale

Among those attending the annual Virginia Baptist Brotherhood convention in Richmond were A. L. St. Clair, right of way agent; J. W. Wright, utility clerk, and Mack Romero, husband of Betty L. Romero, T&D clerk.

Lynchburg

Congratulations to James Collins, draftsman, who was elected second vice president of the John J. Worley class of Ancient and Accepted Scottish Rite Masons at the spring reunion of the group . . . Roy A. Tibbs, J. T. Hill, Jr. and L. G. Dougan have been appointed members of the investigating committee of the Lynchburg Lodge BPO Elks 321 . . . Welcome to Vivian R. Sydnor, new accounting clerk-typist.

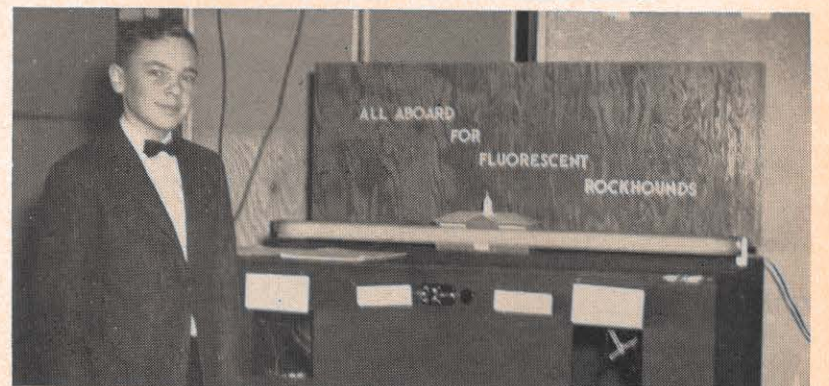
Roanoke

D. E. Trout, personnel assistant, has been elected chairman of the Board of the Melrose Avenue Methodist Church.

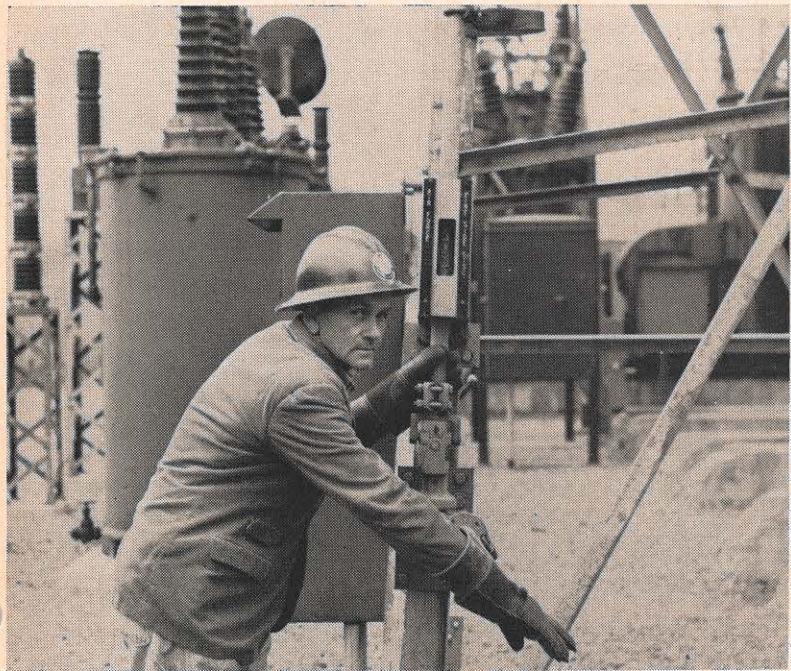
System

Congratulations to Emmett Blackwell, market analyst, who was elected to the board of directors of the Roanoke Junior Chamber of Commerce . . . Mary C. Johnson, daughter of P. J. Johnson, hydro supervising engineer, was named second runner-up in competition for the title of "Miss Roanoke County."

Fluorescent Rockhound



The study of fluorescent rocks has earned two Science Fair awards for Tony Blair, 14-year-old son of R. J. Blair, Pulaski agricultural sales coordinator. Tony's display won first place at Pulaski High School, and then it took honorable mention at the VPI Junior Science Day. Since starting his project three years ago, Tony has found fluorescent rocks are not too common in the area where he lives. An uncle in New Jersey has assisted him somewhat, sending him rocks for his study. Using equipment that he has improved over the years, he catalogs and classifies the rocks according to fluorescence, color and other pertinent data. Future plans call for adding rocks from all over the world to his collection, learning how to make phosphores, and studying the upper reaches of the spectrum and relating fluorescence to other phenomena.



R. P. Spraker, Pulaski district substation man, energizes the 69-kv line to Olin Mathieson Chemical Corporation's hydrazine plant at Saltville. Appalachian built a quarter-mile of line, and installed switching and metering equipment in Saltville station to serve the plant. Hydrazine will be used as a propellant for the Titan II intercontinental ballistic missile, and the Olin Company is the only manufacturer of hydrazine in the country.



This photo illustrates one of the conditions our people work under to keep our service to customers at its dependable best. This Pearisburg line crew is working in freezing April weather to move a line, without interruption to service. They have made one concession to the cold—they have built a fire, and staying by it to prepare a hot-line jumper so the line can be kept energized while crossarms and hardware are moved from the old pole to the new one, side by side. In the picture are, from left: Willie B. Rasnake, David R. Mann, Clifford L. Dunigan and Harry B. Boyd, all linemen. Pearisburg is in the Bluefield district.



Our companies annually release to news media stories on how to fly kites safely. In addition, kite flying posters from Reddy Kilowatt are distributed to schools. This year, the fourth grade at Jackson Memorial Elementary School in Wythe County, Pulaski district, did something a little different. Here H. P. Grubb, Wytheville area supervisor, admires their handiwork. The children used the posters as a central theme and worked up this display on a bulletin board, using miniature kites they drew themselves to emphasize the safety rules. The plan had a double bonus—others were attracted to the display and the children themselves learned safety rules while working on it.



A special feature of the Tug Valley Junior Woman's Club Fashion Show was a Hat Show presented by Mrs. Lorraine Corea, Williamson secretarial stenographer. Several other employees, employees' wives and children took part in the program.



Four employees in Beckley who know the best way to heat their homes were honored for their wisdom. Admiring plaque that decorates the second floor office of the Beckley T&D records section are Archie Riner, C. A. Marshall, Eloise D. Pierce, and Rhonald H. Meador. The plaque reads "All employees working in this office live better electrically in new or converted all-electric homes using flameless electric heat." This is the first office in the Charleston division that has 100 per cent all-electric living.



The light bulb, held here by William M. High of Montgomery, was installed on his back porch in February, 1927, and has been in regular use since then. Mrs. Betty Smith, cashier at Montgomery, and Mrs. Mary Hardy, custodian, listen to Mr. High describe the bulb's long life.

Camera Roundup



A surprise award, the DeMolay Cross of Honor, was recently bestowed on J. W. Ellis, Jr., Ashland engineering, at the Scottish Rite Free Mason reunion at Covington, Ky. Here Charles J. Weber, deputy supreme council of Scottish Rite, presents the award to Mr. Ellis as a surprise at the banquet. The coveted award is the highest given members of the Advisory Council DeMolay, of which Mr. Ellis is chairman. He previously received the Honorary DeMolay Legion of Honor.



Trees, fittingly, were in the April news. In the left picture above is an elephant plant that was given to the Point Pleasant office when it opened in November, 1957. It was 18 inches tall then, and lived in a small pot. Today it's eight-and-a-half feet tall, and grows from a container equipped with casters. Mrs. Bonnie Waldie, a customer, admires it. And in Bluefield, right, Ray Heldreth plants a Christmas tree with his son Bill. The tree was the 1000th they have planted, and they'll be ready for cutting in 1968, the year Bill enters college. The two will plant 1000 trees every year for the next seven years, so Bill's education, even with more than one degree, is in good hands.



Waste and costs were the topic of a presentation given by A. R. Barber, Hazard district manager, to a meeting of line, meter and substation department personnel recently. He displayed some of the commonly used materials with price tags attached to each, and showed how loss, breakage, and misuse could cost thousands of dollars. He said that economy was the business of every employee, and has to be part of every job.



Ronald Hively's new coat was a family affair. Mrs. Hively checks measurements and 3½-year-old Robert stands by with the tape measure. Mr. Hively took this picture himself with a timer on his camera.



Mrs. Margaret Dulaney, Lynchburg district home service representative, participated in Lynchburg College's recent Town and Country Institute. It was the first such institute ever held in Virginia.

Guy Anchors For V-Shaped Towers Tested To Aid In Final Design

When the American Electric Power Company adopted the guyed V-type aluminum tower for transmission lines recently, a major problem arose.

The problem was finding anchorage of great enough magnitude to hold the guys for the tower in place during the great strain they would be under. Tests to help determine the ultimate requirements for such anchors have just been completed in Roanoke.

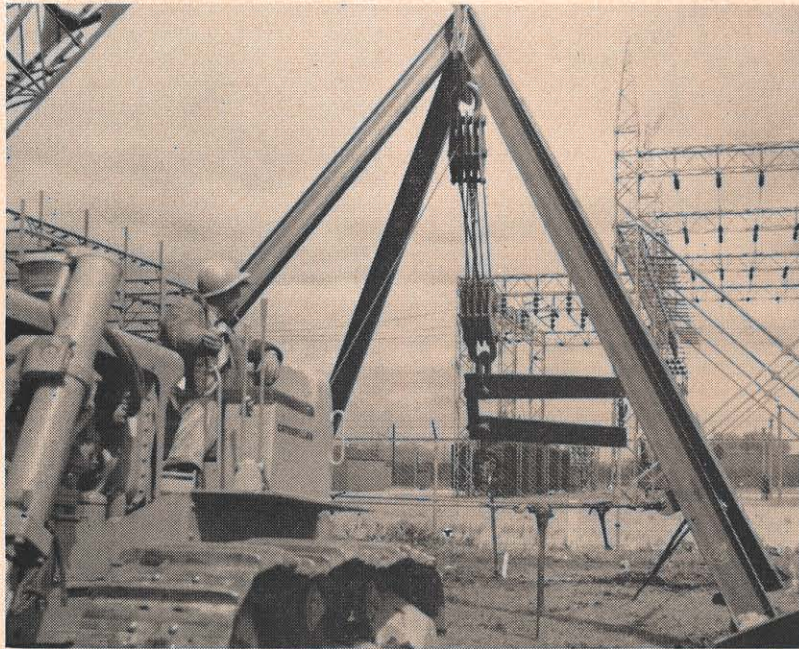
Personnel from the AEP Service Corporation, Appalachian's system civil engineering department and Hoosier Engineering Company conducted the guy anchor tests at Hancock and Cloverdale stations in April, using various types of anchors in soil and rock. These locations provided minimum anchor-holding requirements in Appalachian territory. The information gathered will be used to formulate a design of the type anchors that will be needed.

The V-type structures for 138,000 volt lines will require guy restraint to resist pulls to about 65,000 pounds. The 345,000 volt structures will require restraint up to 70,000 pounds. The problem was that no earth or rock anchors of suitable types approaching these capacities have ever been developed.

Hoosier was retained to furnish labor and materials for the tests.



These three men were instrumental in the setting up, conducting and supervising of the anchor tests. They are from left: J. W. Engleby, Jr., system senior civil engineer; R. B. Sinclair, system civil engineer; and B. F. Cory, assistant construction manager for Hoosier Engineering Company.



This is the pulling rig in action in the recent anchor tests in Roanoke. The tests were run to help determine a design for anchors for V-shaped transmission towers. The guy, shown going into the ground in the center of the picture, was attached to the anchor underground.

Holes for 8 tests were dug by a six-foot diameter auger to specified depths in earth, and holes for 6 others were drilled in rock. Various types of anchors were buried. Hoosier then constructed a rig capable of applying an easily controllable pull that could be held steady at will or slowly increased up to 60,000 pounds. The pull on the anchor rod was to be at an angle of 60 degrees to the horizontal. The rig consisted of a four-legged derrick in the form of a pyramid, and a caterpillar did the pulling with a winch. A dynamometer provided tension readings.

Tension was applied to the anchor rods in steady, gradually increasing amounts. At each increase of 5,000 pounds, tension was held steady for observations. At 30,000 pounds, tension was held steady for 10 minutes on those anchors able to restrain such loads. Tension thereafter was gradually increased until either the anchor or the earth failed. At the same time dynamometer readings were taken, readings on a yardstick attached to the guy rod were taken to see if the anchor was being displaced.

Employee's Wife Picked For Honor

Mrs. Olive Mitchell has been chosen "Legal Secretary of the Year" in Beckley.



Mrs. Mitchell

Picked for the honor by the Beckley Legal Secretaries Association, she is the wife of W. E. Mitchell, Beckley, district line supervisor.

Mrs. Mitchell is now the Beckley nominee in a contest to choose the national "Legal Secretary of the Year" at the annual convention of the National Legal Secretaries Association in July.

Mrs. Mitchell has worked for law firms, as deputy county clerk and deputy circuit clerk, in state Democratic campaign headquarters, in various posts with the State Senate Finance Committee and presently in the Senate Clerk's office in Charleston. She attends the Church of Christ, and is a member of the Beckley Woman's Club, the Salvation Army Advisory Board, and is active in PTA work. She and her husband have one daughter, Doris Jane.

Travel Included In Retiree Plans



Mr. Blatt

Walter U. Blatt, Huntington district truck driver-groundman, elected to take early retirement April 1, after completing 27 years of company service. He had been in ill health since August 1960.

Mr. Blatt is a native of West Virginia, went to school in Huntington, joined the company there, and has lived there ever since. His retirement plans have not yet been completed, but travel will certainly be included. His hobbies include fishing, woodworking and dominoes.

He is married and has one son.

Amos Fields, 75, Retiree, Dies



Mr. Fields

Amos Fields, 75, retired Williamson district station operator, died April 8 after an extended illness. He retired in August 1951 with more than 36 years of company service.

He was employed in July 1915 as an operator. A substation built early in 1951 at Rockhouse Fork of Pigeon Creek, W. Va., was named for him.

Mr. Fields was born in Martin County, Ky. Following retirement he lived in Fort Gay, W. Va.

He is survived by his wife, four sons, one daughter, 16 grandchildren and five great grandchildren.

Know Your Policy; Use It Properly

For a long time the importance of reading the "fine print" in insurance policies has been stressed. That advice is still good. Make sure you know what kind of coverage you are buying and review your policy now and then to refresh your memory on just what is included.

Once you know what your insurance can do, don't expect it to do what it is not supposed to do. Overuse or improper use of insurance raises your premium—and everybody else's too. When you use your insurance properly, you contribute to the most economical and efficient use of health facilities. In the long run, you profit by getting more for your insurance dollar.

(From a pamphlet of the American Medical Association.)

Employees' Sons, Daughters Active In Various Fields; Receive Honors

Six sons and daughters of employees have recently distinguished themselves in various fields of endeavor.

They are Bonnie Paul, Charleston; Nancy Blizzard, Clinch River plant; Mary Ann Davis, Bluefield; Rebecca Rutherford, Ashland; Bobby Tillis, Jr., Point Pleasant; and David L. Brittain, Roanoke.

The title of First Honorary Student, signifying she will graduate third scholastically in her class of 92, has been bestowed on Bonnie Paul. The 16-year-old is the daughter of Glenn A. Paul, Charleston groundman, and a senior at DuVal High School at Griffithsville.

Bonnie has maintained a "B" average or better through school, and plans to attend Capital City Commercial College on graduation.

Nancy Blizzard reigned as Queen of Vinton, Va.'s 1961 Dogwood Festival. She is the daughter of Paul B. Blizzard, maintenance foreman at Clinch River plant. She was selected last year to reign over the festivities this year. She is a freshman at the University of Kentucky, majoring in Radio and TV Arts.

Mary Ann Davis, a senior at Narrows High School, won second place in state speech competition sponsored by the Future Business Leaders of America. She is the 17-year-old daughter of David M. Davis, Pearisburg working foreman in the Bluefield district.

Her speech, "Today Is Never Too Early To Plan For Tomorrow," first won in the regional contest at Radford, and was second among 24 competing for the state honor. She is parliamentarian for the FBLA at her school.

The 1961 Betty Crocker Homemaker of Tomorrow for Ashland Senior High School is Rebecca Rutherford, daughter of Martha Rutherford, Ashland cashier.

She won when she received the highest score in a written examination on homemaking knowledge and attitudes.

Several blue ribbons for Science Fair projects were won by Bobby Tillis, Jr., son of R. D. Tillis, Point Pleasant customer service clerk. Bobby is spending the winter with his grandmother in Pinellas County, Fla., where the awards were won. He is in the sixth grade at Skyview Elementary School.

Huntington Forms New Explorer Post

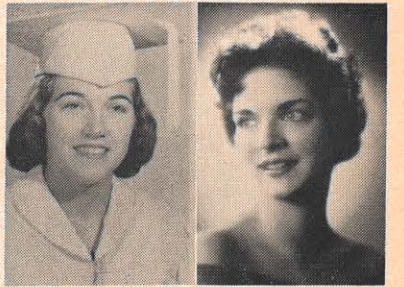
An Explorer Post sponsored by Huntington district, and supervised by employees, was organized at a recent meeting of interested personnel.



Mr. Chapman

Bill Chapman, district accounting department, was elected chairman of the Explorer Post Committee, which also includes Homer Bunn, Bill Giles, Bill Joseph, Jim Lowe, Mike Fotos, Howard Hout and Clyde Johnson. Fred Schwartz was appointed institutional representative, Dick Steele will be Explorers' advisor, assisted by Bob Webster.

A meeting was planned for the end of March for all eligible sons of Appalachian employees and their parents, during which the purpose of the Explorer movement and future plans for the Huntington group would be discussed. The Explorer movement is for boys in the 14-17 age group.



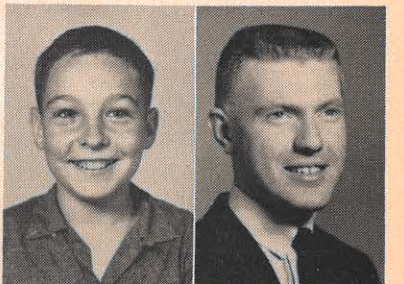
Bonnie Paul

Nancy Blizzard



Mary Ann Davis

R. Rutherford



Bobby Tillis

David Brittain

At his school, he won blue ribbons for three projects: tension tester, decomposition of water by electrolysis and solar stove. The latter project was in cooperation with a classmate. His tension tester also won a county fair award, and the solar stove received a write-up in the St. Petersburg *Independent Daily*.

David L. Brittain, son of J. G. Brittain, Roanoke Merchandise bookkeeper, is the president of the William and Mary College Choir which has received national recognition.

It was recently selected by NBC for its radio series "Great Choirs of America" and has made several albums. The choir's most recent appearance was in Roanoke. David will graduate in June with a BS degree in business administration.

Reusens Veteran Retires April 1



Mr. Almond

E. M. Almond, hydro operator at Reusens plant in the Lynchburg district, retired April 1 after 36 years of company service.

He was employed in October 1925 at the now dismantled Blackwater steam plant, and went to Reusens the next year as operator. He was promoted to station operator in May 1937, and to the position he held at retirement in December, 1960.

He served with the Army in France during the first World War, and is a member of the Rocks Baptist Church in Pamplin.



George Bentley, structural engineer at Smith Mountain Dam, pauses on the south side of the mountain as the Roanoke River goes by below him. The cut in the rocks leading to the river is for the keyways. Mr. Bentley is supervising rock cleaning and foundation preparation in this area. In the river is the start of a piling cell, part of the scheme that, when completed, will divert the river for construction.



Referring to some electrical drawings as work progresses at the Smith Mountain Dam are Howard Martin, chief of electrical section for the larger dam project, and Earle Snodgrass, who is resident engineer for the Smith Mountain Combination Hydroelectric Project. Both are construction veterans with the company, and like others at the dams, have seen service in many areas of the AEP System.



Homer Martin, engineer in charge at the Leesville Dam, watches as a four-cubic-yard bucket of concrete swings into the spillway section, where the first concrete in the two-dam project was poured in April. This picture is looking south, and one side of the dam will be built into the hill back of Mr. Martin. Appalachian and construction company offices at the site of the smaller of the two dams are out of view on top of the hill.

People Playing Vital Role In Dam Project

The building of the two dams in the Smith Mountain Combination Hydroelectric Project is a story of more than just rock blasting and concrete. Progress figures are important, but so are the people who make the progress.

Many of these people have been with the company for years and have worked on major construction projects throughout the AEP System. They usually go unheralded in their work, but in truth they have helped build the backbone of our six-company system.

The organizational set-up at Smith Mountain and Leesville is like the set-up for construction of a steam plant, but there the similarity ends. The Appalachian construction department people who have come into the two dam sites agree on one thing—building a hydro is different from a steam plant, and presents problems of its own.

"Anyone in construction is in it because he likes it. A job like this is entirely different from the rest we've had. But it is a real challenge, one we like," Earle Snodgrass, resident

engineer, who oversees work at both dams, points out.

"There is never a dull moment here. We never do the same thing twice. This is true of all construction work, but particularly true on this job," says Ralph Mudgett, civil engineer.

"The work here is more complicated, because we had to learn it from the ground up," C. C. Stanley, office manager, adds. "Despite this, we are profiting from our past experience."

This past experience for many of the construction people goes back a long way. The comments of a representative group of them reflect this, and add drama to the unfolding story of the Smith Mountain Combination Hydroelectric Project.

Mr. Stanley, for example, started in construction of lines and stations in 1926. Since then he has worked on construction phases of many power plants around the system, including Windsor, Twin Branch, Cabin Creek, a plant at Scranton, Pa., which was then part of the AEP System, Tanners Creek, Kanawha River, Glen Lyn, and finally, Breed before coming to Smith Mountain two years ago. He points out that there are differences between steam-electric and hydro power plant construction, and he is finding hydro work "very interesting" after so many years on steam plants.

Earle Snodgrass finds this true, too, and he is a man who has worked on construction of not only power and hydro plants, but also on a coal mine and an office building. He began in 1937 when "we were doing a lot of our own construction work, rather than contracting it." His career started at Windsor, but he has also worked at Twin Branch, Philo, Tidd and Scranton plants. He helped line up cost work at Philip Sporn plant and continued there during its construction.

The office building he worked on was the Abingdon district office, and after serving as resident engineer for Clifty Creek plant of the Indiana-Kentucky Electric Corporation, he returned to the Virginia area as resident engineer at Clinch River for its first two units. He came to Smith Mountain a year and a half ago, where he says, emphatically, "There is no routine in construction work."

One who agrees with him is Ralph Mudgett, the real Smith Mountain



Checking survey control targets at Smith Mountain are Ralph Mudgett, civil engineer, and Jack Towler, a member of his crew, which also consists of Morris "Whitey" Barbour and Artis Barbour. The men are standing on the north side of the mountain and across the river can be seen part of the thrust block and keyways for the south side of the dam. At river's edge can be seen the cut made by the spillway and powerhouse area excavation.

veteran—he's been at the gorge since December 1956. He supervised all the investigative work when both dam areas were in their primitive states. Actually he performed a multitude of jobs during these years, requiring knowledge of civil engineering, geology, topography and hydrological surveying.

Now his main duty as a civil engineer is to make sure the dam at Smith Mountain is put in the right spot and to make sure it is being built to the correct specifications.

Before coming to Smith Mountain, he worked at Kyger Creek plant and Kammer plant, and finds this type work is not nearly as comprehensive as hydro work is for a civil engineer. He has five years at Smith Mountain to prove it.

Another real construction veteran known throughout the AEP System is George Bentley, who is structural engineer. The grouting and consolidation work that is going on right now is under his supervision.

His background with the company is unique among construction people at the project in one respect—he has worked on a hydro before. He joined the company in 1937 during construction of Claytor hydro, but, as he says, "that was a gravity job and this is an arch dam. That means the jobs are entirely different."

But he, like the rest, has most of his experience at steam-electric plants, including Philo, Twin Branch, Scranton, Tidd, Sporn, Kanawha River, Tanners Creek, Clifty Creek, Clinch River and Breed. At most of these he was in charge of the architectural work.

Electrical work is a major item at any plant, whether it's steam-electric or hydro. Howard Martin, who has

been at Smith Mountain for a year, is looking after the electrical requirements as chief of electrical engineering. He has also worked at Tanners Creek, Glen Lyn, Kammer, and Breed plants, after several years with I&M in relay and substation work, beginning in 1936.

He sees the hydro project as one that perhaps requires less electrical work (there will be no boiler, so control room work is less, for example), but there are still problems a steam plant doesn't present. For instance, there is poor accessibility for electrical facilities and poles run up and down the mountain side. Then too, temporary power of necessity covers a wider area, since the project itself does.

His counterpart at Leesville, Harry Snead, chief of electrical section, agrees, but adds that here, too, they are building on past experience. This experience for Harry dates back to 1937, when he worked on the Logan and Windsor plants. Then in 1942 he rejoined the company at Philo, and has worked on construction at Glen Lyn, Tidd, Scranton, Sporn,

Kanawha River, Kyger Creek and Kammer plants. He came to Leesville this past March 1 from the new Unit 5 at Sporn plant.

Homer Martin, chief of civil engineering, is the engineer in charge of the lower dam. He oversees all facets of work there, under the direction of Mr. Snodgrass. He is a coordinator between his own departments and between various contractors on the job. His general overall impression of hydro work at Leesville is that while it is new, "we are using the basic fundamentals of construction to learn as we go." His experience was gained at Muskingum River, Sporn and Big Sandy plants.

The big news at the project now, of course, is the concrete pouring, and overseeing this work is Keith Redwine, concrete engineer. Since 1952 he has been at Tanners Creek, Glen Lyn, Breed and Big Sandy plants. He sees that the concrete work is done properly and that the quality of the concrete is to specifications. He can be found at the concrete plant, where 90 cubic yards of concrete are mixed an hour, loaded into trucks, carried to a huge crane, hoisted to the form and poured.

These are just some of the men who are building the combination project. They have seen our system grow over the years. And, as Harry Snead points out, the construction people have grown with it. "Because AEP is a pioneer in the industry, our construction people are right up to date on the latest techniques and machines."

They are professionals with experience, but are not set in their ways. They are eager to learn, and they are eager to teach others, the newcomers to construction.

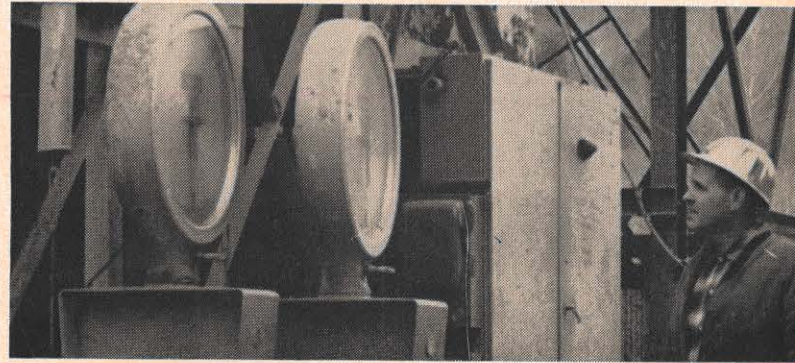
Their story is intertwined with the growth of the company. And at Smith Mountain and Leesville, they are, and will be, as much a part of the dams as every cubic yard of concrete that is poured.



At Leesville, Harry Snead, chief of electrical section, handles all temporary power, including this construction transformer bank, which he is shown checking. In the background can be seen a truck at the concrete batching plant.



C. C. "Stan" Stanley, office manager, supervises the accounting, stores and timekeeping departments for the combination project.



Checking scales at the concrete batch plant at the Leesville Dam is Keith Redwine, concrete engineer at the dam. Mixture of the concrete is carefully regulated at this plant.

Appalachian Employees Continue Flow Of Time, Money, Work Saving Ideas

Seven Appalachian plant, district and system men wrote articles appearing in the April 1961 issue of *AEP Operating Ideas*.

"Special Jigs Saves Valve Maintenance Time," was written by L. H. Carnifax, Cabin Creek plant mechanical maintenance mechanic. He describes a jig constructed for a job some time ago that was recently adapted at the plant to perform another job, saving over 50 manhours. The article offers the jig on loan to other plants with a similar maintenance problem.

J. G. Tapley, system senior station engineer, was the author of "Dusk-To-Dawn Light Applied At Stations." He describes how the dusk to dawn light, already offered to customers by the company, can be effectively used in stations to provide the light needed.

Another Cabin Creek man, G. E. Briers, Jr., plant engineer, wrote "Acid Cleaning Saved Our Water Lines." He tells how fire protection lines and drain lines from I. D. fan and preheater bearings had become clogged with deposits. The plant lab was consulted for acids that could be used to clear them, and material was adapted to acid clean the lines at large savings over line replacement.

"Cleaning Sector Plates On Air Preheaters" was contributed by Shirley Eugene Hesson, maintenance man at Philip Sporn plant. He tells how a scraper was designed to clean surfaces of sector plates on air preheaters. The scrapers save about 136 manhours a year and preheater down time is reduced 10 per cent.

Frank B. Barns, Welch line supervisor, wrote "Convenient Storage For Pole-Treatment Bands." A storage box was constructed at the pole storage yard to contain bandage type bands. They are used to treat the ground line portion of salvaged poles when they are reset. Since the pole yard is four miles from the store-room, where the bands were formerly kept, Mr. Barns figures a savings of 33 manhours a year, plus other advantages.

"Template For Installing Station Relays," was written by Paul H. Adams, Logan station man. He tells of a template designed to aid and simplify the installation of additional relays on existing station panels. The template saves an estimated 40 minutes per relay installed, improves accuracy of drilling and makes the work easier.

W. M. Robinson, Jr., maintenance supervisor at Clinch River plant, was the author of "Breeching Dam Blocks Flue Gas, Cuts Costs." He says, "the writer is presenting this idea in the name of all those who shared in its development . . ." The idea describes a relatively inexpensive way to prevent inflow of flue gas into the idle boiler when work was being performed on the other (the plant's two boilers exhaust to a common stack.)

Three Roanoke Men Write EW Article

An article by three Roanokers appeared in the April 24 issue of *Electrical World*.

"Modified Shovel Digs Pole Holes Faster" was written by L. M. Absher and J. C. Shelton, line foremen, and L. S. Caldwell, lineman.



Mr. Tapley Mr. Briers



Mr. Hesson Mr. Barns



Mr. Adams Mr. Robinson

Two Vets Cited For Long Service



Mr. Grubb Mr. Metts

Two veterans received emblems in April for long service with the company—Hugh P. Grubb of Pulaski for 40 years and William E. Metts of Lynchburg for 35 years.

H. P. Grubb

Mr. Grubb, area supervisor at the Wytheville local office, joined the company April 1, 1921 working under the late G. C. McCall building wood pole lines. He worked as patrolman at Clinchfield, operator at Coalwood and Switchback and chief operator at Coalwood until 1935, when he became a lineman at Grundy in the Welch district. He was assistant line foreman and line foreman before becoming area supervisor at Galax. In 1953 he went to Wytheville.

He and his wife live in their electrically heated home in Wytheville, where he is active in civic clubs and church work. They are members of the First Methodist Church and he belongs to the Kiwanis Club, Masons and Shrine Kazim Temple of Roanoke.

W. E. Metts

Mr. Metts, Lynchburg general serviceman, was employed April 19, 1926 as a groundman. He became a lineman in 1937 and went to his present position in 1953.

He is a member of the Memorial Methodist Church and Marshall Lodge No. 39 AF&AM and Valley of Lynchburg Scottish Rites Free Masonry. Mr. Metts is married.



Appalachian Power Company

Abingdon District—15 YEARS: WILLIAM McFALL, JR., lineman. 5 YEARS: JEWEL SWINDALL, clerk-typist.

Beckley District—10 YEARS: JEAN KAY BRASH, general clerk. 5 YEARS: W. J. GROSECLOSE, JR., truck driver-groundman.

Bluefield District—15 YEARS: JESSE L. SAUNDERS, lineman; CLIFFORD L. DUNIGAN, lineman. 10 YEARS: MARY H. KIRBY, division home service representative. 5 YEARS: JAMES L. DUNN, T&D clerk; HENRY T. GOFORTH, JR., division meter clerk.

Charleston District—20 YEARS: GOLDA JOHNSON, secretarial-stenographer. 15 YEARS: SAMUEL E. REED, lineman. 10 YEARS: JAMES M. CRANE, air conditioning engineer. 5 YEARS: STANLEY OXLEY, meter service helper.

Glen Lyn Plant—10 YEARS: RALPH E. BOWLING, maintenance man; RAYMOND A. ELLIOTT, maintenance mechanic; ARNOLD J. TURNER, maintenance man. 5 YEARS: ANDREW J. TRAWICK, JR., test engineer.

Huntington District—15 YEARS: LUCIAN E. MAYNARD, meter reader. 10 YEARS: JACK K. BUTLER, lineman.

Kanawha River Plant—10 YEARS: R. E. STONE, laborer.

Logan District—10 YEARS: DORSIE G. DRAKE, T&D clerk; W. M. HILL, area serviceman.

Logan Plant—25 YEARS: P. T. SCHNEIDER, plant manager. 5 YEARS: CHARLES T. ADDAIR, plant janitor; WETZEL Z. LEE, utility operator.

Lynchburg District—35 YEARS: W. E. METTS, general serviceman. 20 YEARS: J. E. HOWARD, lineman.

Point Pleasant District—20 YEARS: J. L. STEWART, truck driver-groundman. 5 YEARS: BESSIE J. RHODES, clerk-stenographer.

Pulaski District—40 YEARS: HUGH P. GRUBB, area supervisor. 20 YEARS: E. J. CLINE, area serviceman; C. E. ROSENBAUM, lineman; H. H. SUMNER, station man. 5 YEARS: E. R. COLTRANE, appliance serviceman.

Roanoke District—20 YEARS: D. E. TROUT, senior personnel assistant.

Philip Sporn Plant—10 YEARS: JAMES H. BALL, maintenance man; OLIN D. BOOTHE, equipment operator; ALBERT S. BOSTON, guard; FRANK M. HARRIS, guard; WILLIAM R. HARRIS, results clerk; CLIFFORD L. PARSONS, guard.

System—30 YEARS: E. J. HAGER, system transmission foreman. 25 YEARS: R. L. LEWIS, system senior station engineer; VIRGINIA L. PETTY, customer record clerk. 20 YEARS: LENO BIANCHINOTTI, regional dispatcher; GUY PENDLETON, system senior meter engineer. 15 YEARS: O. R. MINNICH, system senior distribution engineer. 10 YEARS: P. C. BERNARD, JR., region dispatcher; F. R. FRANGO, working foreman. 5 YEARS: J. E. COOK, system station operator; C. L. SHEPARD, system transmission man; CAROL M. STEAGALL, stenographer.

Welch District—25 YEARS: FRANK E. WELLS, working foreman. 5 YEARS: YEARL J. CLAYTON, station man helper; EARL P. DOSS, meter serviceman.

Williamson District—15 YEARS: A. O. HATFIELD, stores supervisor; J. E. RUNYON, heating and building sales representative.

Kentucky Power Company

Ashland District—20 YEARS: B. FRANK ALEXANDER, serviceman. 10 YEARS: BRONSON CALLIHAN, head material clerk; R. T. NASH, power sales engineer.

Hazard District—5 YEARS: JOE COMBS, groundman.

Pikeville District—25 YEARS: G. C. BEVINS, stationman; H. R. FLANAGAN, district office supervisor. 5 YEARS: BILLY F. COMPTON, meter reader.

Kingsport Utilities, Inc.

10 YEARS: J. L. ARNOLD, draftsman.



Appalachian Power Company

Lynchburg District

DAVID E. BOOTH from assistant hydro operator to hydro operator; ASHBY R. HODGES, JR. from hydro maintenance helper to assistant hydro operator.

Roanoke District

M. L. WAGGONER from groundman to meter reader.

Smith Mountain

FLEECY NEAL, concrete engineer, from Clinch River plant to Smith Mountain; HARRY SNEAD, chief electrical engineer, from Sporn Plant to Smith Mountain; JIM SULLIVAN, chief mechanical engineer, from Sporn Plant to Smith Mountain.

Philip Sporn Plant

PAUL J. MUSSER, test engineer, from Logan plant to Sporn plant.

System

JAY W. FARLEY, JR., engineering aide, from Bluefield T&D engineering section to system transmission line department.

Welch District

LOVIS R. MITCHELL, home service representative, from Welch district to Abingdon district.

Elvin L. Smith, Line Vet, Retires



Mr. Smith

Elvin L. Smith, Charleston general foreman, retired May 1 after 41 years of service.

During retirement, he and his wife plan to continue living at Chelyan. He hopes to do a little hunting and fishing.

Mr. Smith joined the old Virginia Power Company at Cabin Creek August 19, 1919 as a groundman. He became a foreman in 1937, inspector in 1939 and general foreman in 1949.

A native of Frame, he attended Tri State College at Angola, Ind., where he majored in electrical engineering. He worked for West Penn Power Company before joining Appalachian. A veteran of World War I, he served in the Navy from 1917 to 1919. He is a member of Cabin Creek Post No. 80 of the American Legion and is a 32nd degree Mason.

Personnel Moves Made In Beckley And Charleston



Mr. Helm Mr. Hedrick

Frederick O. Helm, St. Albans area superintendent in the Charleston district, has been promoted to Beckley district superintendent. He succeeds R. S. Brashear, who retired April 30.

Lenzie J. Hedrick, assistant Charleston district engineer, replaces Mr. Helm at St. Albans.

Mr. Helm has been with Appalachian since July 1949, when he joined the company as an engineer trainee at Beckley. He became a power sales engineer in 1950 and went to St. Albans as area superintendent in 1958.

A Beckley native, he is a graduate of VPI with a B.S. in electrical engineering. He is a Navy veteran and a member of the West Virginia Society of Professional Engineers. He is married and has one son.

Mr. Hedrick joined the company as an electrical engineer in Charleston in January 1956 and became assistant district engineer in 1958. He holds an electrical engineering degree from Chicago Tech College.

He also is a Navy veteran, having served from 1944 to 1946. Prior to joining Appalachian he was employed by Western Electric Company and Chicago Molded Products.

Fifty Employees' Ideas Approved In March; Efforts Increasing In Work Simplification

A total of 50 proposals, 20 of them from Charleston, received approval in the division of their origin during March in our companies' Work Simplification Program.

Bluefield Division

E. W. Henson of Pulaski T&D wrote of a safe, easy way to install line transformers on energized lines with a two or three man crew and winch trucks. At Welch, H. H. Bivens of T&D suggests packaging brackets separately from the unit packages for dusk to dawn lights to eliminate overcharging at storerooms.

Charleston Division

J. E. Vines and A. C. Altizer of Beckley T&D suggest straightening slightly the bar under the foot on climbers to allow more foot comfort and to decrease wear on rubber overshoes. Lewis C. Jones of T&D proposes constructing a reel for installing barbed wire so the wire can be better controlled.

Several Charleston men made two proposals each. J. C. Frazier of personnel suggested having an outside party make yearly inspections of fire extinguishers plus hydrostatic testing every five years, and a method of improving safety in handling, transporting, detonating and logging of explosives. R. R. Legg of T&D proposes sewing pockets in the nut and bolt bag used by linemen, thus making it easier to carry box and ratchets or crescent wrenches. In another idea, he describes welding a handle on a clamp so a wire can easily be held while a crimpit is being installed.

Also with two suggestions was J. F. Dooley of T&D. He suggests installing the proper size insulink when services are left open, and no taping will be necessary when service is ready to connect. He also says using a crimpit press to hold wires together until the crimpit is in place will free hands and make it easier to install the crimpit. W. H. Turner of T&D suggests that, one, we use C&O Railway form Y-26 as a base and make film on print machine to be used as a master form for application for power line crossings over railroads; and, two, maintain a basic tracing of incorporated areas showing only streets, alleys or other topography over which a transparency is made with additional required information.

L. W. Price of T&D also had two ideas. He proposes using a hydraulic "A" frame with hydraulic jacks for removing heavy, old cast-iron street light brackets. And with H. R. Allison, also of T&D, he suggests welding a head of 5/8 inch bolt about a half an inch long on back of the truck bed to hold street light brackets.

T&D's O. W. Kallmerton suggests having lightning arrester and cutouts mounted on "T" brackets in shop and have lightning arrester leads installed, eliminating field assembly. In another idea, he suggests that when transformers are uncrated the store-room could cut and install correct size leads and insert in bushings of transformers.

Eight others from Charleston also had ideas approved. R. E. Gully of T&D wrote of using a hot line clamp to hold and sag secondary until the crimpit is installed, while C. T. Young of T&D suggests linemen use a straight claw hammer instead of a ball pein hammer because it has more uses. M. T. Miller of T&D proposes using a pike pole with reversible pike for safety.

W. G. Kirby, Jr., of T&D proposes using a date nail as one of the

nails to hold a pole tag, thus saving one nail. C. C. Willis of T&D suggests either wrapping the wooden clamp used for line hose and blankets with rubber tape near the tip or buying the clamp dipped in neoprene for safety and prevention of slipping. L. C. Shaffer of T&D suggests storing a few poles in Charleston to eliminate necessity of going to Turner station for poles so often.

Clyde Wilkinson of T&D suggests changing the color of rubber gloves to a light one, which would be cooler than black ones now in use. And T&D's G. W. Unangst proposes purchasing extension step ladders to serve as a step ladder as well as short extension ladder.

Huntington Division

Six suggestions came from Huntington. J. T. Bing of T&D proposes securing cable clamps with larger holes for masonry work. He also proposes that ordering meter padlock seals semi-assembled when shipped would save time.

E. C. Davis of T&D suggests using a pole key for crib bracing, and B. C. Hoover of T&D proposes locating a stationary motor powered wire take-up reel in the line shop. R. W. Stiltner of T&D suggests converting a drafting table to a lighted table for easier drawing of tracings. A. R. Neal, Jr., of T&D proposes a way of changing the design of a type transmission structure to eliminate radio interference.

From Logan, S. C. Halstead and Jim Butcher of T&D propose a way of tying transformers into line trucks by using chains rather than ropes. F. E. Queen and C. E. Yaeger of T&D propose elimination of plat maps, transferring all information to right of way maps. Mr. Yaeger also proposes preparing one memorandum

Brashear Chooses Early Retirement



Mr. Brashear

R. S. Brashear, Beckley district superintendent, took early retirement April 30, and brought to a close a company career of 37 years.

Mr. Brashear started his continuous service June 7, 1933 at Charleston, but he held broken service dating back to 1920. He worked as distribution engineer, power engineer, and power sales engineer before his promotion in 1950 to district commercial manager in Beckley. Four years later he became district superintendent there.

He was born in Kentucky and educated there, and at Chicago Tech, where he studied electrical engineering.

Mr. Brashear and his wife have been pooling their talents in recent months, getting their new home at Claytor Lake ready for occupancy. He is good at woodworking, she at sewing, oil painting, decorating and refinishing antiques.

for both the division engineering and system real estate and right of way departments.

Ernest Slater of Williamson T&D suggests a wheel to fit on the dollie bar on the back of a line truck to lay pole in or for use in setting short poles.

Roanoke Division

Charles D. Ross of Lynchburg T&D proposes a way of using two pieces of material rather than three to make up an extension link on pole type dead ends.

J. W. Thomas, Jr. and P. E. Peters of Roanoke T&D engineering suggest the use of range rods as a convenient and economical way for an engineering employee to lay out and pole stake pole line extensions. R. F. Cooke of accounting suggests that typewriter ribbons be bought in all black only.

A. D. Stockton, Jr. of system station wrote two proposals. One shows a way of making an expensive, but practical, drawing rack. He also suggests a standard stick drawing file to facilitate adding new or revised drawings and removing obsolete drawings from file.

Kentucky Power

Two suggestions came from Hazard. Burchel Riddle, distribution, suggested undercoating trucks as a way of reducing fender rusting, and Jack Caudill, commercial, proposes installing two-way radios in rural representatives' trucks for use in emergencies and to speed up service in the counties where they are working.

Plants

Seven suggestions came from Cabin Creek plant. S. D. LaCroix and H. M. Rupert of results suggest using an air hoist in place of a winch for the 1,100 pound chain on the No. 5 conveyor Merrick Scales. Mr. LaCroix also had two other proposals. One suggests that chlorothene in a small plastic squeeze bottle can be sprayed on a suspected condenser leak, eliminating carrying around a heavy cylinder and hose. He also suggests replacing worn out Micro-max chart drive gears with Speedo-max chart drive gears, providing for longer life.

J. M. Hansford of results proposes building blending chambers from stainless steel pipe salvaged from discarded probes. The steel will last longer than the iron presently being used. W. R. McDaniel, also of results, describes a portable carriage designed to transport the IRD vibration analyzer and its associated equipment to the job.

R. W. Fleming of results describes a small rig that allows for the unrolling and rerolling of small supervisory instrument strip charts in about two minutes, as opposed to the ten minutes it takes by hand. Dixie Foster of the plant office suggests using laminated plastic to cover bulletins, phone books, instructions, etc., providing a longer life and neater appearance of them.

Two suggestions came from Clinch River plant. Alvie Napier wrote of a tool that was developed to aid in setting caulking anchors. E. P. Ott, production, suggests buying a floor maintainer machine to cut the man-hours spent mopping and scrubbing the turbine room floor.

J. W. Fore and C. W. O'Daniels of stores and labor at Clinch River plant suggest that synthetic floor brushes and color coding reduce janitor supply costs.

Emblem Recipients



E. J. Hager
System
30 Years

F. E. Wells
Welch
25 Years

R. L. Lewis
System
25 Years

P. T. Schneider
Logan Plant
25 Years



G. C. Bevins
Pikeville
25 Years

H. R. Flanagan
Pikeville
25 Years

Golda Johnson
Charleston
20 Years

J. E. Howard
Lynchburg
20 Years



B. F. Alexander
Ashland
20 Years

D. E. Trout
Roanoke
20 Years

H. H. Sumner
Pulaski
20 Years

C. E. Rosenbaum
Pulaski
20 Years



E. J. Cline
Pulaski
20 Years

Guy Pendleton
System
20 Years

J. L. Stewart
Point Pleasant
20 Years

Leno Bianchinotti
System
20 Years

Employee Given Community Award For Scout Work

A vote of thanks and appreciation from the community went recently to W. T. Collins, local office manager at Grundy in the Welch district, for his outstanding work with Boy Scouts.



Mr. Collins

The gesture, in the form of a plaque, was made at a dinner and Court of Honor during which five boys in Mr. Collins' troop were made Eagle Scouts. The Lions Club, Rotary Club, Kiwanis Club, Buchanan Chamber of Commerce, Senior Woman's Club and the American Legion Post presented the award to Mr. Collins.

Mr. Collins is also one of the few scoutmasters to be awarded the Scoutmaster's Key. His troop has twice won the Presidential Award as the outstanding troop in the Lonesome Pine Council summer camps.

Pat Jennings, 9th district congressman, spoke at the dinner.

Switchback Man Retires May 1



Mr. Gilmore

Robert A. Gilmore retired May 1 after 30 years of continuous service. He was Switchback station operator in the Welch district.

He also has four years of broken service. He joined the company August 28, 1930 as a station operator. A native of Montgomery County, he moved to Mercer County when he was 10 and attended schools at McComas.

A member of the Maybeury Methodist Church, he plans to live in Switchback during retirement.

Forty fellow employees and friends honored Mr. Gilmore with a dinner and going away presents.



Miss Moore

Miss Sallie Moore Is April Retiree

Sallie L. Moore of Lynchburg closed out with retirement April 1, a company career that extends back to 1918.

Miss Moore, merchandise book-keeper, joined the accounting department of the Lynchburg Light and Traction Company in June 1918, and worked in other departments before the company was bought by Appalachian in 1926.

Active in the work of the West Lynchburg Baptist Church, she also devotes much time to her hobbies of collecting stamps and American silver coins.

At a retirement dinner, she was presented luggage and an antique decanter by fellow employees.

College Honors Award Winner

Nancy Richardson has been inducted into the Mortar Board, honor society at Westhampton College. This is the highest award the college can make to members of the junior class. Only six other students were elected this year.

Miss Richardson, daughter of C. E. Richardson, Roanoke division heating and builder sales representative, won an American Electric Power System Educational Award in 1958. At Westhampton she is a member of Kappa Delta Pi and Phi Alpha Theta, and vice president of the junior class.



Miss Richardson

Bonnie Bryant Named Miss FBLA

Bonnie Ann Bryant of Roanoke is "Miss FBLA" of Virginia. Her election came at the Future Business Leaders of America state convention in Richmond in April.

The William Fleming High School senior is a vocational office training student and clerk-trainee in system accounting. Prior to the state meet, she was chosen "Miss FBLA" at the Radford Regional meeting.

Requirements for a contestant are that she must be a senior in high school majoring in business, and must do well in the National Entrance Test sponsored by the United Business Education Association of the National Education Association. A judging team of a businessman, a businesswoman and a business educator then select "Miss FBLA".

Bonnie will now go to the national convention at Washington in June.



Proudly holding a silver bowl and plaque is Virginia's "Miss FBLA" of 1961. She is Bonnie Ann Bryant, clerk-trainee in system accounting. Photo courtesy "Roanoke World-News".

Jr. Women Select Employee President

Bessie J. Rhodes has been elected president of the Point Pleasant Jr. Women's Club. She is clerk-stenographer in the T&D engineering section.

Formerly vice president and secretary of the club, she has been active in narrating the Children's Hour, sponsored by the club and held in the County Courthouse.

Mrs. Rhodes is also president of the Pleasant Valley Hospital Women's Auxiliary. She was employed by the company April 30, 1956.



Mrs. Rhodes

Couples Take Wedding Vows



Married in recent weeks were, TOP ROW from left: Mrs. William Blair Thompson, Jr., System; Mrs. Raymond Marshall Sharp, Lynchburg; and Mrs. Robert Lee Duff, Jr., Bluefield. BOTTOM ROW from left: Mrs. Max W. Harlowe, Fieldale; Mrs. Paul Franklin Sheppard, Beckley; Mrs. H. E. Rhodes, Jr., Point Pleasant; and Mrs. Howard Ferguson, Clinch River plant.

Bryant-Sheppard

Shirley Rae Bryant and Paul Franklin Sheppard were united in marriage in the Methodist Church at Lafayette, Indiana on March 31. Mrs. Sheppard is a home service representative in Beckley.

Bowman-Duff

The Trinity Methodist Church in Bluefield, W. Va., was the setting of the March 18th wedding of Pauline Bonham Bowman and Robert

Lee Duff, Jr. Mrs. Duff is a stenographer in the Bluefield division engineering department.

Foster-Downey

April 1 was the wedding day of Charlotte Foster and Marshall L. Downey, who were married in a double ring ceremony performed in the Mountain Mission at Charleston. Mr. Downey is a Charleston T&D lineman.

Hankins-Ferguson

Thelma Hankins and Howard Ferguson were married in a double ring ceremony on March 1 at the Lebanon Memorial Methodist Church. Mr. Ferguson is assistant results engineer at Clinch River plant.

Disbrow-Harlowe

Emma Lou Disbrow became the bride of Max W. Harlowe on February 22 in the Leaksville Methodist

Church. Mr. Harlowe is the son of Audrey Harlowe, Fieldale district.

Booth-Sharp

A double ring ceremony performed March 18 in the Quaker Memorial Church of Lynchburg united Joanne Marie Booth and Raymond Marshall Sharp. Mrs. Sharp is the daughter of Mr. David E. Booth, hydro station operator at Reusens Hydro plant.

Jones-Rhodes

Bessie S. Jones was married to H. E. Rhodes, Jr. on February 18 in the Central Baptist Church in Kentucky. Mrs. Rhodes is a clerk-stenographer in the Point Pleasant T&D engineering section and Mr. Rhodes is a co-op electrical engineering student with Point Pleasant District.

Hamilton-Thompson

Betty Lou Hamilton became the bride of William Blair Thompson, Jr., on April 7 in the Melrose Baptist Church. Mrs. Thompson is a Roanoke system accounting employee.

Pinson-Curry

Grace Pinson and B. L. Curry were united in marriage at the Chat-taroy Baptist Church in Williamson on March 31. Mr. Curry is a Williamson lineman.

Familiar Figure Retires May 1



Miss Hubbard

Miss Annie May Hubbard, a familiar personality to the many thousands of people who used the Bluefield auditorium for 15 years, retired May 1. Miss Hubbard was division commercial maid in Bluefield.

A native of Campbell County, Va., Miss Hubbard was employed by the company on a permanent basis in July 1945, and had worked part-time for some years before that date.

She has been one of the most safety-conscious employees in the district, and for years has held a qualified Red Cross Instructor's Certificate, and has given first aid courses to the Girls' Service Club and other groups.

During the Second World War she was an instructor in canteen and nutrition, and helped establish the Soldiers' Rest.

Miss Hubbard lives with her mother in Bluefield, sings in the choir of Mt. Zion Baptist Church, is president of the North Side Garden Club, and counts bridge and sports as her hobbies.

They're Engaged

MARTHA LYNN MEADOWS to John A. Lent and ELIZABETH MEADOWS to Robert Lee Farley. The prospective brides are daughters of Howard S. Meadows, Bluefield district engineer.

BILLIE LEE BATES to William Frank Chapman, Jr. Miss Bates is the daughter of L. W. Bates, Bluefield division manager.

SANDRA BROWNING to Sheridan Bryson. Miss Browning is the daughter of John B. Browning, Huntington groundman.

New Kitchen, New Employee



A new look has come to the demonstration kitchen in the auditorium of the Logan district office. Patricia Williams has joined the company as a home service representative, and the kitchen has been remodeled. Birch cabinets, a stainless steel sink with a garbage disposer, portable dishwasher, range with hood, new tile floor, new curtains and a paint job changed the appearance of the busy kitchen. Last year, 5,752 persons attended meetings and demonstrations in the auditorium, and another 960 attended employee meetings.



New Arrivals



Abingdon
MR. AND MRS. ROY R. GREGORY, a son, Roy Scott, March 18. Mr. Gregory is meter serviceman.

Bluefield
MR. AND MRS. JOHN W. HURT, a son, Carmen Tyrone, April 7. Mr. Hurt is a janitor.

Charleston
MR. AND MRS. CHARLES L. CONNER, a son, Scott Alan, April 9. Mr. Conner is a lineman.

Glen Lyn Plant
MR. AND MRS. CLARENCE GULLIAN, a son, Glen Ray, March 25. Mrs. Gullian is a former petty cash clerk.

Kanawha River Plant
MR. AND MRS. W. G. MASSEY, a daughter, Kimberly Susan, April 4. Mr. Massey is utility operator.

System
MR. AND MRS. BILLY E. EARLS, a son, Billy E., Jr., March 16. Mr. Earls is in the

system transmission line department in Bluefield.

Welch
MR. AND MRS. C. D. STOVER, a daughter, Rhonda Lynn, April 12. Mr. Stover is a groundman in Grundy. Mrs. Stover is a former employee in the Grundy accounting office.

Williamson
MR. AND MRS. C. F. ALLEY, a daughter, Barbara Eleen, adopted November, 1960. Mr. Alley is a truck driver-groundman.

Kentucky Power Company

Ashland
MR. AND MRS. JACK PAULEY, a daughter, Susan Janette. Mr. Pauley is a meter reader.

Pikeville
MR. AND MRS. JAMES HOPSON, a daughter, Rhonda Lee, March 29. Mr. Hopson is a rodman.

Huntington
MR. AND MRS. GLEN ARROWOOD, JR., a daughter, Diane Renee, April 17. Mr. Arrowood is a meter service helper.



David Collier and Butch Blackburn, two of the mainstays on the Pikeville Grade School team that won the regional tournament.

Pikeville Youths Spark Court Team To Championship

Sparkling their Pikeville Grade School basketball team to the regional championship were two sons of employees.

Eugene A. "Butch" Blackburn, son of Allen Blackburn, auto repairman, and David Collier, son of Jess Collier, lineman, play forward on the team.

The seventh graders had an overall season record of 16 wins and 2 losses. They won the district tournament and went on to cop the regional 42-37, when Butch scored five big points in the closing minutes of play. Grade school teams do not play tournaments higher than on the regional level.

Butch was second high scorer and a starter for the team for the season. He is accurate from inside and outside, is one of the tallest boys on the team and is a defensive standout. David, also a forward, was the sixth man on the team and saw quite a bit of action throughout the season.

Dunn Will Head Historical Group

Paul Dunn, Abingdon district administrative assistant, has been elected president of the Washington County Historical Society.

The Society, organized in 1936, has for its purpose the collection and preservation of historical records, documents and relics dealing with the county and its citizens, past and present. For the past 25 years the gleanings of the Society, publications, letters, diaries, family histories, have been collected and stored in a section of the Washington County Library.

1961 Club Plans Concern Sportsmen As Sleepy Hollow Group Picks Officers



Secretary Rome Williamson presents a problem to ponder in 1961 plans of the Sleepy Hollow Sportsman Club of Philip Sporn plant. Listening are other new officers: John McDaniels, president; Luther Smith, vice president, and Bob Cooke, treasurer.

The active Sleepy Hollow Sportsman Club, increasing its activities, has just elected new officers.

Formed by Philip Sporn plant employees to provide a fishing lake and recreational area for employees and their families, the club named John McDaniels president. Other officers include Luther Smith, vice president; Robert Cooke, treasurer; and Rome Williamson, secretary. Directors are

Bowling And Basketball Are Still Making Sports News

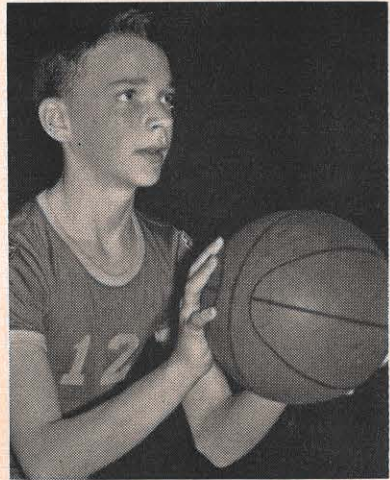
Major League baseball was braving cold spring weather in April, but employees still had their minds on bowling and basketball.

Buddy Hubbard of Roanoke headlined the news with a big 289 game in open bowling. And what's more, the Roanoke engineering aide was only one pin away from a 300 game.

His first ten balls went for strikes. Rolling his 11th ball, he saw one lonely pin refuse to go down. That one he got with his 12th ball, to record the second highest score ever rolled at a Roanoke bowling alley.

Buddy bowls for Distribution in the Appalachian league, where he carries a 166 average and has a personal high game of 219 and high set of 568. He and his wife, and Tommy Bryant, meter reader, and

Basketball Honors Accorded Roanoker



Noble Marshall's deadly eye turned in 200 points in 12 games in Little League play this season.

Two hundred points in 12 games, 32 in a single game, 18 in the championship tilt—these accomplishments and others have earned Noble Marshall, Jr., the title of Outstanding Little League Player in Roanoke.

The son of Noble Marshall, head-bookkeeping section of system accounting, young Noble led the Salvation Army Boys Club to the LL championship this year. It was his third year on the SA starting team and by far his best. The 200 points in 12 games was good for a 16-point a game average, and the 32 points in one game is believed to be a record in Roanoke LL play.

his wife, teamed to take second place in a mixed bowling league. Tommy and Buddy are also coaches for a junior league bowling Saturday mornings, and each has two sons in the league.

Meanwhile, in the Roanoke Appalachian league, Processing leads the final third with a 17-7 record. Menter's 16-8 is a close second.

G. M. Adkins leads the league with a 169 average, while O. A. Hawkins has high set of 599 and J. W. Whitenack high game of 263. Operations has high team set of 2,633 and Coordinators high team game of 936.

At Williamson, Logan bowlers expected better than they got at the hands of their hosts. Three Williamson teams swept a bowling match from Logan, following a luncheon in the company auditorium.

Two six-men teams and one five-woman team rolled for each. Arnold Hatfield had high game of 243 for the men and Myrtle led the ladies with a 173.

In basketball, they're still not sure of the score or who won or lost in a game between the Lebanon Lions Club and the Lebanon Junior Chamber of Commerce. All they're really sure of is that the Lebanon High School band profited from the proceeds of the charity game.

Several Clinch River plant employees got in on the fray, including J. R. Blankenship, Mason Vaughan and Harvey Gillespie for the Jaycees and R. E. Senter and L. C. Houchins for the Lions.

In other sports briefs, William R. Hayes, Philip Sporn plant maintenance foreman, was elected president of the Little League Baseball Association of Syracuse and Minersville, Ohio. L. M. Newsom, Pikeville records supervisor, was re-elected player agent secretary and a member of the board of both of the Little and Babe Ruth Leagues of Pikeville.

Another Pikeville employee, R. L. Huffman, right of way agent, was appointed to the golf committee of the Green Meadow Country Club.

Mary Elizabeth Davis, Logan stenographer, has been re-elected secretary of the Logan Woman's Bowling Association. And finally, Ernest W. Linkous, assistant Bluefield stores supervisor, was a recent participant in the State Bowling Tournament in Charleston. He carries the high average in two local leagues—a 180 in the Bluefield District League and a 185 in the Bluefield City League.



Top performers in last month's Charleston-Beckley bowling match were, from left, Maxie Dwornick, Parthenia Glover, and Eddie Berginnis for Beckley; C. B. Talley, Chris Mitchell, and Bill Bostic for Charleston.

Beckley Bowlers Miss Victory Again In Return Match With Charleston

Beckley bowlers invaded Charleston April 16, thirsting for revenge after the defeat Charleston gave them the month before, but they returned home sadder, wiser, and still thirsting. In this return match Charleston won by 371 pins, and retained possession of the inter-district trophy they have held since the matches started in 1956.

C. B. Talley rolled a 229, high game for the day among the men; Bill Bostic had a high series of 555,

and Chris Mitchell had high game, 191, and high series, 535, for the women, to give Charleston a clean sweep of the superlatives. High scores for Beckley were made by Maxie Dwornick, Eddie Berginnis, and Parthenia Glover.

Clinch River . . .

(Continued from Page 4)

ly elected secretary . . . Patricia Lynn Counts, sister of Sandra Arrington, stenographer, was selected as runner-up in the Miss Cleveland High School Beauty Pageant. She is a freshman.

Abingdon

Congratulations to John L. Osborne, heating and builder sales representative, who is the new president of the Cleveland High School PTA . . . Two employees completed courses. L. C. Valley, Scott County area supervisor, completed a safety school for supervisors sponsored by the Virginia Department of Labor and Industry, and Perry Johnston, right of way agent, completed a mathematical statistics course at East Tennessee State Teachers College . . . L. C. Peck, Jr., record supervisor, and J. E. Prater, heating and builder sales representative, participated in the Abingdon Rotary Club minstrel . . . Jimmy Craig, son of J. G. Craig, agricultural sales engineer, attended the Virginia Hi-Y convention in Richmond . . . The Emory & Henry College economics and engineering clubs toured Clinch River plant as guests of the plant and the Abingdon district.

Field Champion



Virolina Meddlesome Boogie and her master, Lin A. Stone, Jr., Fieldale contract clerk, have reason to be proud. The field champion poses behind her most recent trophy of many she has won as American Kennel Club Field Champion. The most recent win was at Henry County Beagle Club at Preston, where she won out over entries from many areas.

Gordon Chain Sculptures Garden Figure

Gordon Chain, chief draftsman in Huntington, had an idea not long ago that he would like to have a figure to arrange in his garden this year, and unlike many people, he had the patience, energy and talent to make one.

He chose as his model a three-inch high figure of a little boy he named "Little Joe," whom he saw on an ash tray. He first made full size drawings, front and side, and determined definitely the size and shape the finished product would be, and what materials he should use.

Mr. Chain then built a wooden frame in the general shape of the figure, two feet tall. He overlaid a network of soft wire and wire screening, and started to apply molding plaster with a putty knife, and worked it in with his fingers.

When this material was partially set, Mr. Chain the plasterer gave way to Mr. Chain the sculptor. To those who would start a similar project, Mr. Chain recommends the use of conventional carving tools for this part of the work, but he used basic household utensils—linoleum cutter, putty knife, and a pocket knife—to carve and sculpture the finer details of the figure. And finally, to get a

glass smooth finish, he sanded the surface and applied two coats of clear waterproof sealer.

Even with the sealer, though, the plaster little boy wouldn't stand up to the weather very well, so Mr. Chain plans now to make a rubber mold to cast the figure into some more durable material. It took three weeks, but there's no question in the artist's mind: the result was worth every minute of it.



Gordon Chain sculpts details of the garden statue—"Little Joe"—he made of wood, wire, and plaster.

Patterson Named VP Of Our Companies

George V. Patterson, vice president of the AEP Service Corporation, has been elected a vice president of the six operating companies in the AEP System, including our three.

The companies, in addition to Appalachian, Kentucky and Kingsport, are Indiana & Michigan Electric, Ohio Power and Wheeling Electric. The elections are subject to approval of the Federal Power Commission.

Employees Invest In Future

Employees of our companies are investing in the future of themselves and their families, the companies and the nation. This was revealed by figures just released on the companies' payroll savings and stock purchase plans.

During 1960 an average of 767 employees invested \$228,542.50 in United States Savings Bonds through payroll savings. And an average of 410 employees invested \$161,779.91 in company stock through the stock purchase plan. "Average" is the total number of employees investing, compiled by adding the number each month and dividing by 12.

The average number of employees for our companies—Appalachian, Kentucky, Kingsport, Central Operating (Philip Sporn plant) and Kanawha Valley Power—in 1960 was 4,232. So over 18 per cent participated in the payroll savings plan, and almost 10 per cent in the stock purchase plan.

A breakdown by companies shows these figures.

Payroll Savings—Appalachian: 689 employees, \$210,424.25; Kingsport: 38 employees, \$6,472.50; Sporn plant: 36 employees, \$10,295.75; Kanawha Valley Power: 4 employees, \$1,350.00.

Stock Purchase—Appalachian: 337 employees, \$137,051.93; Kingsport: 7 employees, \$2,621.76; Sporn plant: 7 employees, \$2,860.00; Kanawha Valley Power: none; Kentucky: 59 employees, \$19,246.22.

Charlestonian Dies At Age 72

J. O. Grissinger, 72, retired Charleston garage employee, died March 31 at his Charleston home after a long illness.

Born at Fayette, W. Va., he joined Appalachian June 1, 1927. He retired in November 1951 after 24 years of service.

He was a member of the Oakwood Baptist Church and the Gauley Bridge Masonic Lodge.

Surviving are his wife, two daughters, two brothers and six grandchildren. Services were held at his church with the Masonic Lodge officiating. Burial was in Graceland Memorial Park.



Mr. Grissinger

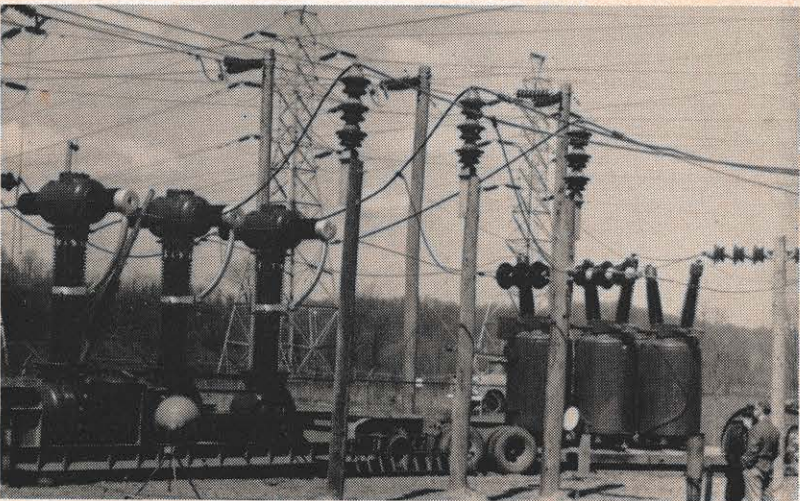
World's Fastest Breakers Are Tested At Sporn Plant

The highest currents ever recorded in staged field tests for 138,000-volt equipment were snuffed out harmlessly by the world's fastest-operating power circuit breakers in recent tests at Philip Sporn plant.

Another "first" in the electric power industry, the two-cycle, 138,000 volt, air-blast breaker underwent rigorous tests conducted on April 8-9 by engineers of General Electric Company, the manufacturer, and the AEP Service Corporation.

The breaker tested was the prototype of a series of two-cycle, 138,000 volt breakers to be installed throughout the AEP System later this year. The AEP System also has on order from GE five 345,000 volt air-blast circuit breakers, also of two-cycle design, to be installed at several locations in 1962.

The air blast utilizes compressed air rather than the inflammable oils previously used for interrupting high voltage circuits.



The air-blast circuit breakers on the left, a "first" in the electric power industry, recently underwent vigorous tests at Philip Sporn plant.

License Awarded Two Engineers



Mr. Johnston

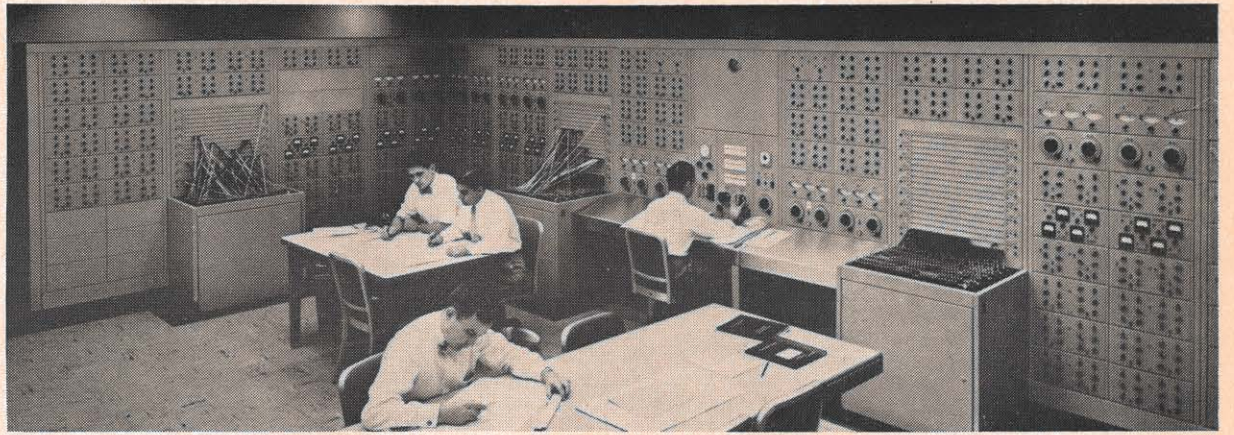
Mr. Jessee

Two plant employees have been granted professional engineer's licenses by the State of West Virginia.

They are Robert Johnston, assistant results engineer at Philip Sporn plant, and Arthur N. Jessee, results engineer at Logan plant.

Mr. Johnston's license came after 10 weeks of class work under the Marshall College engineering department, reviewing his training and in preparation for the license exam. A mechanical engineering graduate of the University of Cincinnati, he was employed July 8, 1951 as test engineer and became assistant results engineer in 1958.

Mr. Jessee is an electrical engineering graduate of the University of Virginia. He joined the company at Lynchburg as an electrical engineer July 1, 1955. In 1956 he went to Logan plant as test engineer and was promoted to his present position in 1957.



This network analyzer, used since 1951 by the AEP System to solve operating problems and plan for the future, has been deeded to Virginia Polytechnic Institute. The AEP System has outgrown the electrical control board.

Analyzer Deeded To VPI By AEP

A network analyzer, an electrical control board that can simulate in one room a major electric power grid, has been deeded to Virginia Polytechnic Institute in Blacksburg by the AEP System.

The analyzer's maze of dials and switches, backed up by miles of wiring, electron tubes, condensers and other electrical equipment, took four weeks to disassemble in New York. It will now be reassembled in VPI's Patton Hall, a job expected to take another eight to twelve weeks.

The analyzer had been installed

10 years ago at a cost of \$250,000 in AEP's New York office. It was used to set up in miniature AEP's seven-state power network, including 10,000 miles of high-voltage transmission lines and 15 major power plants. In the past, it saved many months of mathematical computation in planning future transmission lines and in solving many complex operating problems.

However, the tremendous growth of the AEP System during this period—for example, its total generating capability has almost tripled—has now exceeded the capacity of this particular equipment.

The analyzer remains a valuable teaching tool in power engineering work. In accepting the gift, J. W. Whittemore, dean of engineering and architecture at VPI, and George C. Barnes, professor of electrical engineering, who has handled negotiations and who will be in charge of the equipment, said the computer "will permit an even closer tie between the college curriculum and practical working experience."

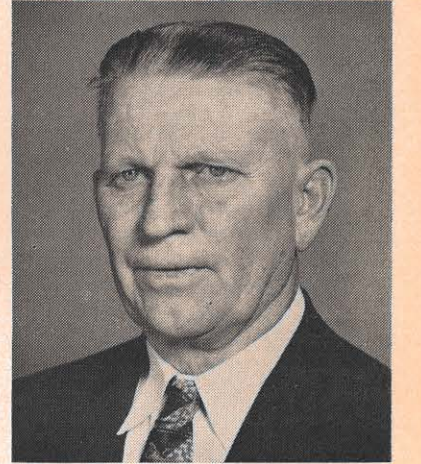
Because the engineer using the analyzer must follow his problem through the machine from beginning steps to solution, it will give electrical engineering students at VPI a clearer picture of the factors involved in their work.

Using the analyzer, students will be able to set up models of power generation and transmission systems. Once such a system is recreated, they can solve a variety of problems relating to it, with an hour's work on the analyzer representing months of work by skilled engineers.

The analyzer works on the principle that all electrical equipment—generators, transmission lines, circuit breakers, transformers and the like—

can be represented in miniature. These representations on the analyzer act just like their counterparts on an actual power network.

Lowe Retirement Ends Long Service



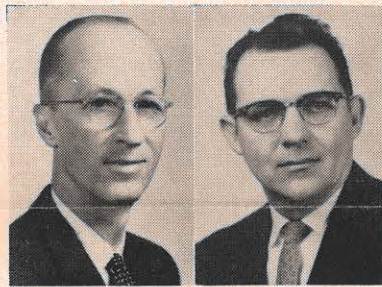
Mr. Lowe

A 47-year company career was closed May 1 when Ervin Lowe retired in Huntington. He was station man helper.

Mr. Lowe went to work at Kenova plant in June 1913 as truck driver, and worked there also as special guard, watchman, pumpman, turbine auxiliary equipment operator, utility man and utility operator. He transferred in September 1958 to the station section as station man helper.

A native of Wayne County, Mr. Lowe served in the Army during World War I. He is married, has two daughters, two sons and six grandchildren. He plans to devote his retirement time to his hobbies, which include hunting, fishing, baseball and auto mechanics.

Promotions Affect Accounting Men



Mr. Caldwell

Mr. Cooke

O. C. Caldwell has been promoted to the position of forms and printing supervisor in Appalachian's system accounting department in Roanoke.

He is succeeded as Roanoke district office supervisor by R. F. Cooke, assistant district office supervisor. Both promotions were effective May 1.

In his new position, Mr. Caldwell will supervise a standardized form control program and a paper work simplification program for the entire Appalachian system. Mr. Cooke will supervise the district's accounting department.

Mr. Caldwell joined Appalachian in 1931 at Welch as an accounting clerk. He was chief clerk at Mt. Hope and Beckley before going to Charleston in 1944 as credit manager. He became local office manager at Bluefield a year later, and came to Roanoke as local office manager in 1948.

A native of Athens, W. Va., he is a graduate of Concord College and Massey Business College. In Roanoke he is treasurer of the local chapter of the National Office Management Association and is a member of the St. Andrews Catholic Church and Williamson Road Kiwanis Club. He is married and has a son and five grandchildren.

Mr. Cooke joined Appalachian at Beckley in 1941 as a messenger and later served as meter reader and clerk in the engineering, stores, payroll and accounting departments. He came to Roanoke as assistant local office manager in 1957.

He is a native of Beckley and attended Beckley College. He is a member of the First Baptist Church, the Elks and Moose Clubs, and a past member of the American Legion. He is married and has four children.

First Aid Instruction Taught Employees In 1961 Abingdon District Meetings



Abingdon district employees practice bandaging in the district safety meeting. The year's schedule of meetings has been given over to first aid instruction.

Everybody learns safety in Abingdon.

For the entire year 1961 the regularly scheduled office safety meetings in the Abingdon district have been turned into first aid classes. All employees completing the full course of instruction will receive the standard first aid certificate, or a renewal of an old certificate.

At the beginning of each program one employee is designated to review the previous lesson. The instructor is David Henninger, president of the Washington County Life Saving Crew, and first aid and water safety chairman of the county Red Cross organization. Jack Frier, J. S. Orr, Fred Rosenbaum and A. C. Hutton, Jr., all employees and all qualified instructors, are assisting him.