

It is not for men to rest in absolute contentment.
Southey

The Illuminator

Habit, if not resisted, soon becomes necessity.
St. Augustine

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

Vol. XVII, No. 9

June, 1966

Henniger Named Construction Chief For Big Sandy Unit

Bernard O. Henniger, veteran American Electric Power system construction engineer, has been named resident engineer for the construction of Unit 2 of Kentucky Power's Big Sandy plant.



Mr. Henniger

This will be the first of several 800,000-kw steam-electric generating units to be built on the American Electric Power System.

Mr. Henniger will assume his new duties June 16. Most recently he has been superintending construction of new warehouse and office facilities for Ohio Power at Canton.

He started his career with the system as instrument man at Appalachian's Cabin Creek plant in 1941, and his new assignment will mark the 25th anniversary of that career. He has worked on various construction projects, including assignments at Atlantic City Electric Company, former AEP subsidiary, Indiana & Michigan Electric Company's Twin Branch plant, and Appalachian's and Ohio Power's Sporn plant.

Since 1950 he has been supervising engineer for construction of Tanners Creek, Muskingum River, Clinch River plants. Mr. Henniger has also worked on the new addition to Appalachian's general office building in Roanoke and the Ohio Power's new office in Findlay.



Million Manhours

Joe P. Gills, Appalachian vice president and general manager, right, presented the EEI Safety Achievement Award to Cabin Creek Plant Manager P. T. Schneider when employees at the plant completed a million safe manhours. At left is F. E. Hoyt, plant safety supervisor.

Painter Moves To New York; Replaced By W. M. Robinson

E. A. Painter, who has been assistant manager at Glen Lyn plant since July 1965, has been named plant maintenance engineer with the American Electric Power Service Corporation, with headquarters in New York.

He is succeeded at Glen Lyn by W. M. Robinson, who was operations supervisor at Clinch River plant. Both moves were effective June 1.

Mr. Painter joined the company at Glen Lyn as an engineer in 1947. Prior to his promotion to assistant manager, he was maintenance supervisor.

A graduate of Virginia Polytechnic Institute, he holds a bachelor's degree in mechanical



Mr. Painter

Mr. Robinson

engineering, and a master's in power and fuel engineering. He makes his home in Narrows, where he is a Lion, an officer of the Giles County United Fund, and active in PTA and Chamber of Commerce work. He is married and has a son and a daughter.

Mr. Robinson started out at Cabin Creek plant in 1951 as a mechanical engineer. He worked there as maintenance foreman and plant engineer before he moved to Clinch River in 1958 as maintenance supervisor. He was made operations supervisor in 1962. Mr. Robinson was graduated from West Virginia University, is married, and has three daughters.

AEP's Heat Rate Best In U. S.

According to the latest survey made by the Federal Power Commission, American Electric Power has the lowest heat rate of any multiple-plant system in the United States.

The report, which covered the year 1964, showed that AEP had moved from third place in 1963 to first, with a system heat rate of 9,478 Btu per kilowatt-hour. Consumers Power Company, Jackson, Mich., was second with 9,522 Btu/kwh, and Niagara-Mohawk Power Corporation, Syracuse, N. Y., was third with 9,552 Btu/kwh.

Ohio Valley Electric Company actually ranked first among all the nation's power systems with a heat rate of 9,276 Btu/kwh, but it was noted that the OVEC System operates only two power plants. Both of OVEC's plants were designed and are operated by AEP.

In the survey directed at individual plant heat rates, Big Sandy plant of Kentucky Power Company ranked eighth among the most efficient plants in the U. S. with a heat rate of 8,971 Btu/kwh. Breed plant of Indiana & Michigan Electric Company was ninth with 8,996 Btu/kwh.

AEP Offers To Purchase Michigan Utility's Stock

American Electric Power Company announced on May 17 an offer to purchase the Common Stock of Michigan Gas and Electric Company, Three Rivers, Mich., through a tender offer to shareowners.

Offered price was \$100 per share. Bid price of the stock prior to the tender offer was \$74.50. It is traded over the counter.

The offer to shareowners, subject to approval of the Securities and Exchange Commission, closes Monday, June 6.

In its announcement, AEP said that it would purchase all shares tendered but reserved the right to withdraw its offer unless a minimum of 103,000 shares could be purchased. A total of 204,362 shares are outstanding.

Donald C. Cook, president of AEP and of our companies, said that, upon successful completion of the acquisition program, Michigan Gas would become a seventh operating subsidiary of AEP. He added that AEP, as an integrated electric utility system, did not intend to retain the gas properties of the company.

Michigan Gas provides electric service to over 21,400 customers and gas service to more than 27,300 customers in six counties in southwestern Michigan, and has minor gas operations in the Upper Peninsula of Michigan as well.

Approximately 95% of the company's electric requirements in 1965 were purchased from I. & M. Remainder of the Michigan Gas electric supply was furnished by its three small hydro-electric plants having a total generating capacity of 2,878 kilowatts.

Cook said that, with Michigan Gas already interconnected with the AEP System through I. & M., it was contemplated that the operations of the former, while continuing to be carried on by its present employees, would become completely integrated with the entire AEP System. Such integration, he explained, would result in

significant cost reductions and strengthened reliability of electric service for Michigan Gas customers.

Cook added that, upon acquisition of Michigan Gas, AEP would take steps to withdraw an appeal taken by that utility from an order of the Michigan Public Service Commission directing it to reduce its rates by approximately \$900,000 a year and, instead, to comply fully with the order.

Appalachian Average Usage Passes 5,000-Kwh

The average residential usage on the Appalachian system has gone past the 5,000-kwh mark.

According to the latest figures, through the end of March, the usage is 5,048, an increase of 324-kwh over the past 12 months.

Two divisions, Roanoke and Lynchburg, have average usage of better than 6,000-kwh a year.

The entire AEP system, at the same time, showed a usage of 5,568-kwh.

Transfer, Promotions Made At Kanawha River Plant

W. F. Sampson, results engineer at Kanawha River plant, has been named supervisor of plant performance at Kentucky Power's Big Sandy plant, effective June 1. Following this move, three promotions were announced at Kanawha River.

S. V. Caudle moves up to results engineer, C. T. Brooks to assistant results engineer, succeeding Mr. Caudle, and J. L. Crist moves from master maintenance man to maintenance foreman.

Mr. Sampson is a graduate of West Virginia University with a degree in mechanical engineering. He joined the company at Kanawha River in October 1953 as test engineer, and later as assistant results engineer. He has been active in PTA and Lions work in Malden, and is a major in the Air Force Reserve. He had three years of service in the Air Force, and is a registered professional engineer in West Virginia. He and his wife are the parents of three sons.

Mr. Caudle is also a mechanical engineering graduate of West Virginia University, and came to work for Appalachian as test engineer at Kanawha in 1954. He served two years in the Army, and was promoted to assistant results engineer in 1962. He is a registered professional engineer in West Virginia, and makes his home in Charleston with his wife.

Mr. Brooks started his company career in 1959 as test engineer at Kanawha. He holds a mechanical engineering degree from West Virginia Tech, is married, and has three children. He and his family make their home in Charleston.

Mr. Crist started out in Cabin Creek plant in 1942, and worked in several maintenance classifications until he was transferred in 1953 to Kanawha River. He served in the Army Air Force during the second World War. In East Bank, where he makes his home with his wife and three children, he is president of the Community Council, and has been active in church and civic work.



Mr. Sampson

Mr. Caudle

Mr. Brooks

Mr. Crist



The last new street light is placed in Rocky Mount as Mayor Elliott Perdue, Councilman William J. Mills and A. R. Martin, Appalachian area supervisor, watch.

New System Almost Doubles Lighting In Rocky Mount

Ninety-four percent more light was the immediate result of a new street lighting program in Rocky Mount, Va., the largest town in Appalachian to go completely to mercury vapor lights.

The project, which required installation of 333 new lights, was completed recently, with new lights installed in business and residential sections and on main arteries into town. Rocky Mount is in the Roanoke division, 25 miles south

of Roanoke, and has a population of 4,191.

It is the county seat of Franklin County, which has 287 miles of shoreline on Smith Mountain Lake. The county is the home of several industries, including Lane Company, maker of cedar chests, in Rocky Mount, as well as textile and veneer companies.

The size of the new lights ranges from 3,500 lumens to 20,000 lumens. The new system has five more lights than the system it replaced.

The Illuminator

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Sure, We Can Make Mistakes

We heard a story the other day that set us to thinking. It concerns a customer of a large company in this area. The customer, it seems, took a complaint to the company's office, where he was told that "we're a big company, and big companies don't make mistakes."

No? What about the Edsel?

Now consider for a moment what happened after the customer left the office with that remark still ringing in his ears. The first thing he did, undoubtedly, was to tell whomever he saw about his experience. Bad or uncomplimentary news travels with the speed of light, and before long, a sizable number of persons knew that this particular company had given somebody a sassy answer.

We happen to believe that this incident—a true one—is a rare and isolated example. We don't think the attitude that prompted that answer is widespread in business, but just the same we need to remind ourselves of one basic fact.

The customer, right or wrong, is still the customer. He is the man who, multiplied a half-million times, pays our salaries and gives us jobs. When he is treated in the manner we've just described, the answer he gets completely blocks out the memory of past service and courtesies, and of the community participation by the company and other employees. It destroys instantly a measure of goodwill which took years of patient effort to develop. This is true of the company in this story, and of Appalachian as well.

As a company we claim dedication to the principle of good service, but not perfection. We've made mistakes before, and very likely, we'll make them again. But the worst mistake any of us can ever make is to tell a customer that we don't make any.



"Signal Esteem"

Clad in doctoral robes, Donald C. Cook, president of American Electric Power Company and of our companies, receives an honorary doctor of laws degree from President Harlan Hatcher of the University of Michigan at recent commencement exercises. The commencement program book cited Mr. Cook as follows: "President of American Electric Power Company, Mr. Cook entered corporate management after a career of most capable public service, during which he won the signal esteem of legislators and executive officials alike and was made chairman of the Securities and Exchange Commission. As an industrial manager too he has steadily confessed an ideal of service, both to individual consumers and to the total economy of communities and regions. Since his company has shown a tidy profit and an exceptional rate of growth under his leadership, we may perhaps vary a familiar phrase and promulgate on his behalf a happy economic doctrine: what is good for the country—or the portion of it concerned—is evidently good for American Electric Power. And since Mr. Cook unites in his own person not only social responsibility and business acumen but intellect and high cultivation as well, it is an unmixed pleasure for the University to welcome him back and tender him the degree Doctor of Laws."



The American Electric Power System's new IBM System 360 computer, above, permits the utility's engineers to trace the flow of power across as many as 20 states. The high-speed instrument can "freeze" an instant in time to show mathematically how power

being generated at hundreds of power plants is flowing over 50,000 miles of high-voltage transmission lines and through more than 100 interconnection points between power systems. The computer is installed at AEP headquarters in New York.

New 360 System Computer Installed To Solve Design And Load Problems

A new, large-scale computer that can mathematically simulate the flow of electric power across 20 states is now in use by the American Electric Service Corporation.

The computer, an International Business Machines System 360, is the largest ever installed by an electric utility solely for solving engineering problems, and is located at AEP headquarters in New York.

The computer can "freeze" a single instant in time to show mathematically how power being generated at hundreds of power plants is flowing over 50,000 miles of high voltage transmission lines and through 112 high-voltage interconnections between power systems.

This mathematical photograph permits AEP engineers to study the operation of the seven-state AEP system, and to view its coordination with 20 or more other systems in a block of states bounded by Kansas in the west and Virginia in the east.

Engineers can further project where heavy power demands will occur in the future on the AEP System. With this knowledge they can feed the computer an almost infinite number of alternatives to learn where to place new generating plants and units and transmission lines to meet those demands most economically.

In describing the computer and its applications, Donald Cook, president of AEP and of our companies, pointed out that "literally hundreds of situations that can occur on a power system are being fed into the computer to test the ability of the AEP system to continue to provide electric service in the event of the loss of numbers of generating plants or transmission lines."

The result: "With the effects of over 600 of these situations, many of them unimaginably severe, the engineering of our system and its interconnections has been proved sound and reliable."

The 360 system, according to Mr. Cook, will save the AEP significant amounts of money in a variety of ways. For example, engineers using existing computer programs can trim approximately \$50,000 from the cost of steel framework and foundation struc-

tures in future generating units. In another case, an estimated \$1-million will be saved and service reliability improved by using the computer to determine better electricity loadings on more than 400,000 distribution transformers.

The computer is used by the Service Corporation's engineering analysis and computer division, headed by Glenn W. Stagg. This group has 60 mathematicians, technicians, and electrical, mechanical, chemical, and civil engineers.

AEP Companies Win Honors In Advertising, Publications

Companies of the American Electric Power System last month won honors in national competition in the advertising and public relations fields.

In all, they received two first-place awards, three runner-up awards, a third-place award, and an Award of Merit.

The top honor was a statuette trophy, "Clio," presented at the American TV Commercials Festival in New York on May 5, recognizing a System-wide TV commercial, "Quick Cuts," as best in the nation for all utility company advertisers. The commercial depicts in a series of quick color shots the many uses of electricity in all walks of life. It is part of our current campaign emphasizing the value of electric service.

This commercial also won a runner-up award at the same Festival as the second-best TV

commercial of any sponsor in any category in the Midwest Region, one of five marketing areas in the United States.

A total of 1,891 entries were judged in the Festival competition. Principal criteria were believability, copy quality, tastefulness, and effective selling.

Another first-place award—for a most unusual billboard—was won by Ohio Power Company, one of four honors won by the AEP System companies at the annual meeting of the Public Utilities Advertising Association in Phoenix, Ariz., last month.

Ohio Power's billboard, completely black except for white lettering, makes the point: "Picture yourself without electricity!"

Indiana & Michigan Electric Company won two second-place awards: one for its total 1965 Gold Medallion advertising and promotional campaign in the category, "Complete campaign on any subject, using three or more media," and another for the I. & M. News

(Continued on page 4)

Organization, Personnel Affected In AEP Changes

A number of changes in personnel and organization have been put into effect within the electrical engineering division of the AEP Service Corporation.

One change divides the former transmission and distribution engineering section into a transmission section and a distribution section. A. J. Samuelson, who formerly headed the combined section, is now in charge of the transmission section, and Raymond E. Kunzmann, senior distribution engineer, heads the new distribution section.

This action clears the way for the expected heavy workload in design and construction of the AEP System's proposed new 765,000-volt transmission network, according to Arthur Hauspurg, chief electrical engineer.

Another move combines the

meter and electronics and communications section into one headed by W. L. Gregory, former head of the meter section. S. C. Bartlett, former head of the electronics and communications section who will retire September 1, has been named a consultant reporting to H. C. Barnes, deputy chief engineer. Fred R. Nelson, communications engineer stationed in the Service Corporation office in Canton, Ohio, has been promoted to assistant head of the new section. He will continue to be based in Canton.

Grouping of the meter and communications functions is based on the increasing overlapping of the two fields as metering equipment becomes more sophisticated and more dependent upon telemetering and automatic measurement devices. Mr. Hauspurg said.



Quentin F. Stultz, advertising supervisor for the AEP System, meets "Clio," given to AEP for having the best TV commercial in the entire utility field.

TV Documentary Describes Ohio Power's Bond Issue

"Wall Street," a television documentary on the world of high finance, scheduled for showing on the CBS television network June 14, will feature the major steps taken in the recent issuing of \$50-million of mortgage bonds by Ohio Power Company.

A rough print of the film previewed in New York portrays the decision by members of the Ohio Power board of directors to undertake the bond issue to provide funds for construction. Present at the board meeting were Donald C. Cook, president; W. J. Rose, vice president and secretary; H. B. Cohn, vice president and chief

counsel; P. W. Emler, vice president—commercial; G. V. Patterson, vice president—operation, and A. N. Prentice, vice president and general manager of Ohio Power.

The film then shows the behind-the-scenes activity at the investment syndicates which will make bids on the bonds. Co-managers of one syndicate are seen as they discuss the all-important interest cost they will offer to Ohio Power on the bonds.

Tensions mount as the managers try to work out a bid that will satisfy Ohio Power and attract major investors to the bonds. Final scenes show the opening of the sealed bids, the payment of a "good-faith" deposit of \$1.5-million, and Mr. Cook and Mr. Rose receiving the \$50-million proceeds of the bond sale.

AEP Veteran Retires June 1

Charles A. Imburgia, assistant head of the AEP Service Corporation's system planning and analytical division, retired June 1 after 42 years of service.



Mr. Imburgia

Imburgia had joined AEP in 1924 and was one of the six original electrical engineers at what was then American Gas and Electric Company headquarters in New York. He was promoted to section head within the division in 1954 and became assistant division head in 1959.

A 1925 graduate of Cooper Union, New York, where he received a BS degree in electrical engineering, Imburgia had worked for the Brooklyn Edison Company, Consolidated Gas & Electric Company and Western Electric Company before joining AEP.



Mr. Angell

Joseph Angell, Retiree, Dies

Joseph Angell, who retired from Appalachian service in August 1965, died May 13 in Roanoke.

He joined Appalachian in 1936 and was a draftsman in the system real estate and right of way department when he retired.

Mr. Angell was a director of the Roanoke-Staunton River Power Company, which at one time owned some of the land where the Smith Mountain dam now stands. He was instrumental in the transfer of that land to Appalachian. He was also the last of the original directors of the Colonial National Bank, now the Colonial-American National Bank in Roanoke.

Mr. Angell attended Roanoke College, served in the Navy during the first World War, and was active in the work of the local Republican party. He was a member of the First Baptist Church, and is survived by his widow, one son, and two grandchildren. Burial took place in Roanoke's Evergreen Cemetery.

McCarthy Retires From Reusens Job



Mr. McCarthy

Clarence D. McCarthy, hydro plant foreman at the Reusens hydro plant, retired April 1 after 32 years of service.

He started work May 4, 1934 as an assistant operator at the plant, and served subsequently as station operator, master maintenance man, and working foreman, and was promoted to his present position in February 1965.

He is one of the second generation of the McCarthy family to be employed in the generation of electrical energy. His father, the late C. H. McCarthy, operated the now abandoned Lynchburg Electric Company's hydro plant which was built in 1892 below the present site of the Lavinio Furnace on the old Kanawha Canal. One uncle operated the Blackwater steam plant, which was formerly located under Rivermont Bridge, next to the present location of the Blackwater substation. Another uncle was employed in the Seventh Street steam and hydro plant in Richmond, Virginia. He also has one brother, Joseph W. McCarthy, who was formerly employed at Reusens, and is now assistant Lynchburg division office supervisor.

Another brother, the late Charles H. McCarthy, Jr., was an operator at Reusens.

During his service with the company, Mr. McCarthy designed and made tools for various jobs around the plant. Instead of buying a tool, he would make one. Several of his ideas have been published in *Operating Ideas*, and as *Work Simplification Proposals*.

For the future, McCarthy plans to stay at home, look after his garden, and, of course, "work with my hands."

Cook Honored With NYU Award

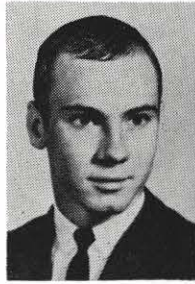
Another university honor has come to Donald C. Cook, president of American Electric Power Company and of our companies.

On June 1 he was presented the sixth annual C. Walter Nichols Award for 1966 by the Graduate School of Business Administration of New York University.

June Brings Honors, Awards To Students

June, as always, brings honors, awards, and recognition to sons and daughters of employees concluding another school year.

In Charleston, David Walters, who won a \$750 AEP Education Award this year, has won another scholarship. He was one of six seniors who won a Merit Scholarship, the amount depending upon need, and covering four undergraduate college years.

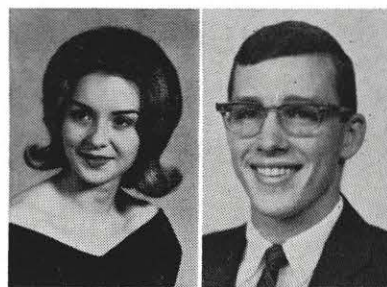


David Walters

He turned down a third scholarship, a Board of Governors Scholarship at West Virginia University, in favor of studying physics or engineering at Duke University. The son of J. D. Walters, division accounting supervisor, he is on the South Charleston High School track, football, basketball, and wrestling teams, is president of the Honor Society and the Russian Club, secretary of the Hi-Y Club, and is active in church work. At a recent assembly he was given a Phi Beta Kappa Award and The American Legion School Award.

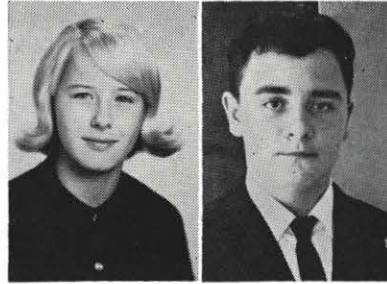
Named valedictorian for the graduating class of Bluefield's Graham High is Sandra Louise Yost. Described by her principal as a student of the very top quality, Sandra recorded straight A's through her 12 years of school in Bluefield. The daughter of Mrs. Lloyd B. Lee, whose husband is assistant division superintendent, Sandra has been a member of the Latin Club, Library Club, Medical Carrier Club, Future Homemakers of America, Tri-Hi-Y, and Girls' State. She will enroll in Radford College in the fall to study sociology, and plans a career in teaching.

Geoffrey Campbell, son of George E. Campbell, Cabin Creek plant boiler maintenance man, has been awarded a scholarship and grants



Sandra Yost

Geoffrey Campbell



Jeanne Coleman

Buddy Frye



Brenda Crane

Diana Jones



Bruce Lazenby

Nora Wright

totaling \$1400 for the 1966-67 school year at the University of Virginia. The scholarship is renewable annually. A senior at Charleston High School, Geoffrey is a member of the Student Council, vice president of the National Honor Society, and president of the Village Chapel Youth Fellowship. He plays basketball, is an Explorer, an amateur archaeologist, and is considering a course of study in anthropology.

Another valedictorian is Jeanne Clair Coleman, of Pikeville, in the eighth grade graduating class of Pikeville School. A cheerleader, and a Girl Scout, Jeanne has been active in all school affairs. She is the daughter of Harold M. Coleman, stores supervisor in Pikeville.

A science fair exhibit on the effect of light on the growth of algae was a successful one for Buddy Frye, a junior high school student in Princeton. His exhibit won first prizes in three fairs: in Princeton, at the all-county fair in Bluefield, and at the four-county fair at Bluefield State College. His father is Phil H. Frye, meter serviceman in Princeton.

Allied Chemical Company has awarded a \$100 bond and a certificate of merit to Brenda Frances Crane as the outstanding science student of the year at Nitro High School. Brenda, a junior, was selected for the award by the school's faculty. She was also awarded membership in the High School and Junior College Mathematics Club for her superior achievements in that field. She is also a member of the Junior Executive Conference, and attended its meeting at West Virginia University, and was elected president of the Y-Teens. She is the daughter of J. M. Crane, building supervisor in Charleston.

Diana Jones, whose mother is Ruth Jones, time clerk at Clinch River plant, was the winner of the first place award in the 15-county southwest district 4-H demonstration contest held last month. She is also president of the Lebanon High School Tri-Hi-Y, vice president of the student council association, a varsity cheerleader, and is active in church and other school affairs.

Children in Coalwood and Beckley were named to the Order of the Golden Horseshoe by Governor Hulett Smith recently. They are Nora Frances Wright, daughter of Duke C. Wright, administrative assistant in Bluefield, and Bruce Lazenby, son of Kenneth Lazenby, system right of way agent in Beckley. They were awarded miniature gold pins for excellence in the study of West Virginia between the fifth and eighth grades. Only the top four students in each county are so honored.

Nester Promoted At Clinch River

Arnie A. Nester has been promoted to test engineer at Clinch River plant, moving up from instrument maintenance man. The move was effective May 1.

Mr. Nester joined the system operating department in Roanoke in 1956, and transferred to Clinch River in 1960.

He has completed the electrical engineering course of ICS and several of the plant-sponsored evening technical classes. Hunting and fishing are his principal hobbies.



Mr. Nester

A. T. Hubbel, 93, Dies In Lynchburg



Mr. Hubbel

August T. Hubbel, one of the company's oldest retirees, died May 9 after a long illness. He was 93.

He started work with the old Lynchburg Traction and Light Company as superintendent of the now dismantled Blackwater steam plant in 1916, and worked in that capacity until his retirement in 1945. During that time he served with seven local managers, missing only the present manager, W. S. White Jr., and his predecessor, D. C. Kennedy.

Physically active until fairly recently, Mr. Hubbel for many years operated a machine shop in the basement, and also did wiring and electrical repairs.

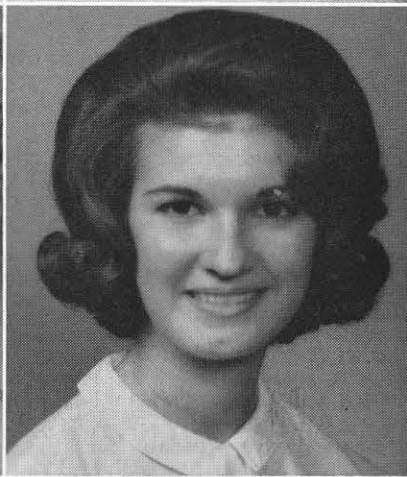
He was born in Germany, and fought in the Spanish-American War with the 49th Iowa Infantry. In Lynchburg he was a member of Rivermont Avenue Baptist Church.

A widower, he is survived by two step-daughters. The funeral and burial took place in Spring Hill Cemetery.

Congratulations



J. C. Hansbarger and Opie Allen congratulate each other on receiving a certificate of appreciation from West Virginia Governor Hulett Smith for their work on the Governor's Task Group for the Management of Electric Power. The group's work in developing and testing of the state's emergency plans is part of the general civil defense preparedness program. Mr. Hansbarger is Charleston division manager; Mr. Allen, division engineer.



Married in recent weeks over the system were, top row, from left: Mrs. Edward A. Meador, Roanoke; Mrs. Joe D. Stowers, Logan; Mrs. Kenneth Dawson, Bluefield.

Bottom row: Mrs. Bill S. Blackburn, Logan; Mrs. Byrum C. Lee, system, and Mrs. B. R. Cox, Pikeville.

Recent Brides

Peery-Meador

Barbara Ann Peery and Edward Arthur Meador were united in marriage in the Central Baptist Church, Roanoke, Virginia, April 29. Mrs. Meador is the daughter of J. W. Peery, Roanoke division transmission and distribution department employee.

Hayner-Blackburn

Elizabeth Ann Hayner and Bill S. Blackburn, Jr., were married April 17 in the First Presbyterian Church, Logan, West Virginia. Mrs. Blackburn is the daughter of Floyd Hayner, Logan material clerk.

Russell-Scott

Ernest Stephen Scott and Mary Russell exchanged wedding vows in a ceremony performed March 19. Mr. Scott is the son of Ernest B. Scott, serviceman in Pikeville.

Hayner-Stowers

Garrets Fork Chapel was the scene for the marriage of Carol Ann Hayner and Joe D. Stowers on April 14. Mrs. Stowers is the daughter of Logan Plant retiree Arvin M. Hayner.

Brock-Lee

A ceremony performed in Pearisburg, Virginia, united Mary Lindell Brock and Byrum C. Lee, Jr., in marriage on May 7. Mrs. Lee is an employee in the system purchasing department, Roanoke.

Hardy-Dawson

A double ring ceremony performed in the Grundy Baptist Church, Grundy, Virginia, united Syble Ellen Hardy and Kenneth Dawson in marriage April 2. Mrs. Dawson is the daughter of Alonza Hardy, Grundy meter serviceman.

Phillips-Cox

Sharon Carole Phillips became the bride of Bill Russell Cox on April 22. Mrs. Cox is a clerk trainee in the commercial department in Pikeville.

New Arrivals

Bluefield Division

MR. AND MRS. WALTER J. THOMAS, a son, Gregory Alan, May 10. Mr. Thomas is a meter serviceman in Welch.

MR. AND MRS. DAVID L. KENDRICK, JR., a son, David Scott, May 11. Mr. Kendrick is commercial sales engineer Grundy.

Charleston Division

MR. AND MRS. DON HUNDLEY, a son, Richard Alan, April 21. Mr. Hundley is a lineman.

MR. AND MRS. ROBERT A. BAKER, a son, Robert Archie, Jr., May 5. Mr. Baker is a janitor in Beckley.

MR. AND MRS. RONALD E. MORRISON, a daughter, Laura Lea, May 11. Mr. Morrison is an AEP engineer, material handling section, Charleston.

Logan-Williamson Division

MR. AND MRS. RUFUS MEADE, JR., a daughter, Thresea Ann, April 5. Mr. Meade is a lineman in Williamson.

Roanoke Division

MR. AND MRS. BILLY L. ATLICE, a son, Jeffrey Dean, April 27. Mr. Altice is a transmission and distribution clerk.

MR. AND MRS. WAYNE A. JACOBS, a son, David Wayne, May 2. Mrs. Jacobs is a former secretarial stenographer in the division managerial department, and Mr. Jacobs is employed in the system accounting department, Roanoke.

MR. AND MRS. JOE MARTIN, a son, Joseph Shane, May 6. Mrs. Martin is a former contract clerk in the division accounting department.

MR. AND MRS. JESSE E. NICHOLS, JR., a daughter, Amy Gayle, April 21. Mr. Nichols is a lineman.

System

MR. AND MRS. C. W. BACCHUS, a daughter, Cynthia Renee, April 16. Mr. Bacchus is employed in the system operating department.

Golden Wedding



Mr. and Mrs. J. Porter Fulknier, parents of Charleston's Jennings Fulknier, celebrated their golden wedding anniversary last month. They have four other children, and eight grandchildren.

Miss Dalton Earns Master's Degree

Mary Elizabeth Dalton has received her master of art's degree in English from the graduate school of Texas Technological College, Lubbock, Texas.

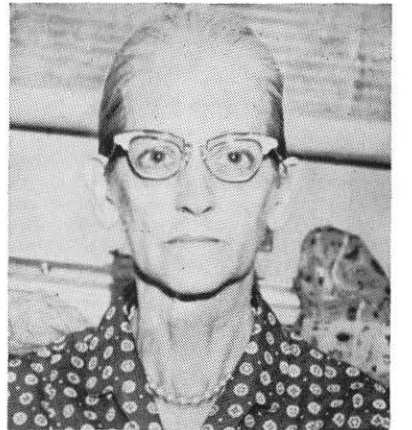


Miss Dalton

Sue received her Bachelor's Degree from Radford College in 1964 before entering Texas Tech. A member of Phi Delta Phi, she was also selected for membership in the Texas Tech Chapter of Phi Kappa Phi, national academic honorary society. Requirements for membership in the select society include ranking in the top ten per cent of her class for graduate students.

In September she will teach English at Lamar State College of Technology in Beaumont, Texas.

Miss Dalton is the daughter of Mr. and Mrs. Carson W. Dalton, Pulaski, Virginia. Mr. Dalton is power sales engineer in the Pulaski division.



Mrs. Compton

Gusta Compton, Grundy, Retires

Gusta Compton, part-time employee in the Grundy office, retired May 1, after service of nearly ten years.

Among her duties was helping Grundy commercial personnel in preparing for cooking and appliance use demonstrations.

Mrs. Compton has been most active in the work of Grundy's Church of God, and is well known in the community for her spirit of help to those in need of it.

They're Engaged

BETTY JANE BAKER to Bruce Burnett. Miss Baker is a stenographer in the Roanoke division commercial department.

REBECCA JANE PAUL to Wynston Dale Holbrook. Miss Paul is the daughter of J. R. Paul, division accounting supervisor, Ashland.

ANN ELIZABETH WEATHERTON to Richard Hale Brown. Miss Weatherton is the daughter of G. A. Weatherton, retired commercial manager, Ashland.

KATHERINE M. REED to David K. Smith. Miss Reed is a key punch operator in the system accounting department, Roanoke.

KITTY RAE FOX to Donald Lee Cromer. Mr. Cromer is a tracer in the transmission and distribution department, Bluefield.

KAREN LOUISE HARKER to James Robert Johnston. Miss Harker is the daughter

of Jack D. Harker, electrical engineer, Lynchburg.

RACHEL PEARSON to John W. Campbell, Jr. Mr. Campbell is the son of J. W. Campbell, Huntington division janitor.

CAROLYN LIEVING to Paul D. Hesson. Mr. Hesson is the son of O. W. Hesson, Huntington division transmission and distribution clerk.

LINDA CAROL KING to Gregory Van Meter. Miss King is the daughter of E. E. King, Williamson area manager.

JENNIFER HEDRICK to Millard G. Phillips. Mr. Phillips is the son of M. G. Phillips, Williamson station man.

ESTEVA CAROL COLLIER to Sergeant Charles Stephen Cassem. Miss Collier is the daughter of Newt Collier, area supervisor, Hazard.

Navy Pals Meet After 47 Years

Let's keep in touch, said two Navy buddies the day they were discharged.

And they did, with Christmas cards and occasional notes. But, for the first time in 47 years, Dan Covey, retired Beckley employee, finally got to visit in person with his old pal J. L. Cole. And it took a five-month, cross-country car trip to effect the meeting.

Dan, who retired in May 1964, and his wife were on a trip to the West Coast, and decided to drive through Cleburne, Texas, where his old pal lived.

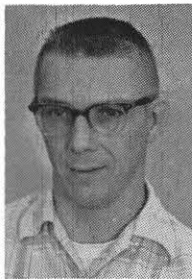
Without warning, Dan called him up, and soon the two were together, chatting about the old days, as if they had not been interrupted by the passage of nearly a half-century.

Six Gallon Club Enrolls Couch

The exclusive Six Gallon Club for Red Cross blood donors has a new member.

He is Robert Couch, equipment operator at Sporn plant, who reached that eminence with his latest donation.

He has been an employee for more than 15 years, with his entire service spent at Sporn. Before he was promoted to his present job he was coal handler, maintenance man, and auxiliary equipment operator. He lives with his wife and five children in Pomeroy.



Mr. Couch

Awards

(Continued from page 2)

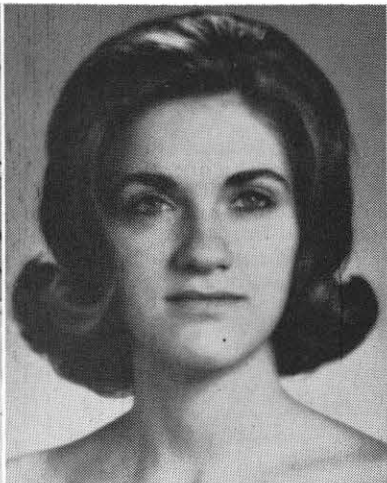
in the category, "Employee newspapers."

The final PUAA award was a third place for American Electric Power Company for its 1965 annual report to shareowners.

The Ohio Power and I. & M. awards were in the classification for medium-sized utilities; the AEP award, for large-sized utilities.

Appalachian's employee newspaper, THE ILLUMINATOR, won an Award of Merit for general excellence from the International Council of Industrial Editors at its annual meeting in Atlanta in May. The paper is published for employees of Appalachian, Kingsport Power Company, and Kentucky Power Company.

Three Queens



Three lovelies, daughters of employees, won ribbons and crowns in beauty contests last month, and so took the first step on the road that might lead to Atlantic City, Miss America, fame, and fortune. At left is Mary Anne Tucker, daughter of Clinch River's J. B. Tucker. A senior at Virginia Intermont College, she was named Miss Southwest Virginia, and will compete in the Miss Virginia contest in Roanoke this summer. In the middle is Jane Craig Fields, the daughter of Craig Fields,

residential sales advisor in Pikeville. Miss Fields was crowned Miss Eastern Kentucky, and will move to the Miss Kentucky competition. She is a freshman at Transylvania College in Lexington, Kentucky. And at right is Janice Kay Wilson, whose father is maintenance mechanic at Radford steam plant. She is a graduating senior at Dublin High School, and will be a part of the Miss Virginia pageant in Roanoke.

Happenings Around The Circuit

Kentucky

Ashland

The division has three new employees. Mildred Sue Blanton and Charles B. Tackette are in the accounting department, and John Guerrant White has joined the T&D department.

Pikeville

Mrs. Jewel Cline, wife of Perry Cline, has been elected president of the Morehead-Ashland Association of Children Under Six. She has been a member of the executive board of the state association for the past two years, and will continue in that office in addition to her new duties.

New employees in the line section are Jack D. Thacker, Ronald D. Whitt, Roger P. Damron, and Walter Stone Jr. Robert Brown is a new employee in the engineering department.

Pulaski

Loma Robinson certainly knows how to write prize-winning essays. She has just been named Virginia-West Virginia regional winner in essay contest on home economics matters sponsored by the Mobile Homes Research Foundation. The contest attracted 51 entries, and Loma won \$100 and the right to compete nationally. Previously she had won the local competition and a U. S. Savings bond. A high school senior, she is the daughter of Lomie Robinson, retired line employee in Wytheville.

William C. Hager, has been elected president of the Newbern Elementary PTA for a third term. In high school news, Larry Taylor, son of D. D. Taylor, has been chosen head marshal for graduation activities at Pulaski High School. This honor is based on scholastic average.

Larry, with Patricia Buckner, daughter of Cecil Buckner, were inducted into the National Honor Society at Pulaski High School. Miss Buckner was tied for top junior class student.

Roanoke

It's hard to stop thinking about Appalachian. Roanoke division's Pete Armistead got a letter the other day that demonstrates that point. It came from Mrs. W. C. Carper, visiting in Oregon, and enclosed a newspaper clipping showing the testing of power poles by sound waves. "I could not help wondering if Appalachian uses this," she wrote. We do. See this issue. Mrs. Carper is the widow of a division employee.

Richard W. McBride, son of A. W. McBride of Fieldale, and a former summer employee, has been awarded a Rockefeller Brothers Theological Fellowship. He will attend Union Theological Seminary next year.

Alfred M. Beatty, stores supervisor, has been elected to a three-year term on the official board of the First Virginia District of the Church of the Brethren . . . E. T. Jones has been elected second vice president of the Roanoke Association of Credit Men.

Mrs. Hope Austin has resigned.

During recent May Day activities at PHS Robert Dan Carson, son of R. D. Carson, was named "Duke" for the festivities. He is also president of his senior class. Representing their respective classes in the court were senior, Marsha Sheets, (daughter of R. E. Sheets); juniors: Judy Jackson (daughter of E. A. Jackson, Jr.), Larry Taylor (son of D. D. Taylor); Christie Hurst (daughter of Christie Hurst), Martha Whitehurst (daughter of Jerry R. Whitehurst), and Timmy Gress (son of Paul Gress).

New employees include Nelson Quesenberry, Hillsville T&D department; Harry M. Jennings, Pulaski T&D Records Section; and Beauford Miller, hydro production department.

Personal Mention



Mr. Bowman Mr. Kennedy

Two Roanoke division men were honored last month. Fred Bowman was elected moderator in the First Virginia District of the Church of the Brethren for the coming year, and Duncan Kennedy was elected president of Roanoke Valley Industries, and a director of the Roanoke River Basin Association.

Mr. Bowman's new position is the highest honor a layman can hold in his church, and culminates his many years of devotion to church affairs. He has been on the board for ten years, and is at present Sunday School superintendent, a deacon, and a trustee.



The Appalachian-sponsored Junior Achievement Company in Roanoke, Snappit, made just about a clean sweep of honors in the JA organization this year. Its president, Cathy Cummings was elected Miss JA, the company was named Company of the Year, and W. H. Hart, above, senior station engineer in the Roanoke division, was named the first Advisor of the Year, and presented the trophy shown here. Other employees who served as advisors this year were J. F. Maile, R. E. Slaydon and J. M. Burnett.

Charleston

Guilford Smith and Mrs. E. C. Flannery were elected directors of the Kanawha-Clay Chapter of the American Red Cross.

Timmy Garten, 12-year-old son of Russ Garten, was one of two winners in an essay contest sponsored by the Serra Club. One boy and one girl were selected from 600 entries. A seventh grader at Sacred Heart School, Timmy is a consistent honor roll student. Mrs. Garten was elected secretary of the school PTA for the next year.

Other student news reveals that Brenda Crane, daughter of Jim Crane, and Mary Susan Walters, daughter of Jack Walters, have been inducted into the National Honor Society. Brenda was also elected president of the Y-Teens and as a delegate to Girls' State.

Ninety-four employees in the division took completed either the standard First Aid course, or the initial or refresher external cardiac massage course recently. The instructors for the cardiac course were Norris Keeling, Sam Dunn, Leroy Goode, Clifford Picklesimer, and Paul Parsons. Paul was also the instructor for the standard course.

Jim Musgrave has been elected state director of the Jaycees . . . Herman Wilkerson was elected first vice president of the Scottish Rite Masons Chandler Memorial Class . . . Bob Bradshaw was named to the mayor's committee for examining and licensing electricians in the City of Charleston.

New employees are Terry Banks, lineman helper, and Gloria Jean Dodd, messenger. Elmo Thaxton has resigned, and Denzil Allison has returned to his job at St. Albans after an extended illness.



In Charleston everyone is happy as these employees show off the rewards of participating in the city's United Fund campaign. E. L. Munday, Jr., reads the special citation awarded Herb Miller, right, for his work in designing a campaign brochure, and Floyd Taylor and Wilbur West display the silver plaque and 1966 shingle awarded Appalachian for achieving fair-share giving for the fifth consecutive year.

For his work in designing and preparing a brochure for the United Fund campaign last year, Herb Miller was awarded a citation by the organization.

Keith Hutcheson, son of H. H. Hutcheson, took his dog Vajax Paddy O'Shea to the American Kennel Association dog show in Charleston and came away with first place. The win gives the spaniel two of the 13 points needed to be classed a champion.

Kanawha River

Thomas Allinder, a sixth grader and son of C. E. Allinder, won the grand prize in the Science Fair at Marmet junior high.

Thomas Slack is a new plant employee.



Louise Martens, Charleston stenographer, shows the cup given her along with the title of Girl of the Year by Xi Epsilon chapter of Beta Sigma Phi. She served as the chapter president last year.

Abingdon

One of eight juniors to be selected for membership in the Agnes Scott College Chapter of Mortar Board is Ellen Wood, daughter of George C. Wood. This is a national honor society which recognizes outstanding college women for scholarship, leadership, and service. Miss Wood has also been elected chairman of the judicial council for next year, the second highest student body office at the college.

Ronald Parks has been named business manager of the Virginia Tech's weekly student newspaper.

Raymond Totten has been elected secretary of the Abingdon Jaycees.

Peggy Johnson has resigned, and William McFall has returned to his lineman's duties after a long illness.

Logan- Williamson

Linda Carol King, daughter of E. E. King, graduated from the University of Kentucky at Lexington on May 9.

Judith Lynn, daughter of Oscar Thompson, and John, son of Howard J. Collins, were inducted into the National Junior Honor Society.

Laura, daughter of Ralph Bragg, was a recent Boone County Golden Horseshoe winner.

Members of the Burch High School Business Club of Delbarton, West Virginia recently toured the Williamson office building. H. W. Cerrato, acted as guide for the group and briefly explained the office procedures of each department and made arrangements for various office machines to be demonstrated.

Raymond Glenn Stafford, son of Virginia Stafford, recently completed Marine Corps training at Parris Island and Camp Lejeune, South Carolina.

Bluefield

It was a big month for the Archie Phlegars. He was elected secretary of the Bluefield Lions Club, and she was elected Girl of the Year at the annual banquet of the Xi Alpha Iota Chapter of Beta Sigma Phi. Mrs. Phlegar was also a model during the fashion show held as part of the sorority's founder's day festivities. Mrs. John Montague was also a model, and Helen Sue Spangler was elected publicity chairman for the chapter.

Mrs. Lois Rounion, active in the work of the local chapter of the National Secretaries Association, has been elected to the board of directors, and as district representative of the International secretary of the year committee.

Mrs. C. R. T. Ryan and Mrs. Earle Wood have been elected to office in their respective garden clubs.

Named directors last month were George K. Hoge, to the board of the Fellowship of Christian Athletes, and Alfred H. White, to the Bluefield Lions Club . . . Theodore Stevens was appointed chaplain of the Princeton post, Veterans of Foreign Wars.

Sheree Crotty, daughter of Arnold Crotty, won second place in the talent show sponsored by the Princeton Jaycees.

New employees in the division are James Stacy, James Robinette Jr., John Ratcliffe, Norman Worley, James Bowes, Patricia Elliott,

Robert Parnell, Clarence Breese Jr., Marvin Smith, and James Morris.

Welch

Mrs. Jack D. Martin was voted Girl of the Year by the Pineville Gamma Xi chapter of Beta Sigma Phi. The award was made at the local observance of Founder's Day.

The National Honor Society has two new members: Sarah Chaffins and Carolyn Rhudy, both seniors at Welch High School. They are the daughters of William Chaffins and J. B. Rhudy. Sarah's brother Tommy was inducted into the Junior Honor Society at the same time. At Pineville High School, Judy Dee Farley was crowned Prom Queen at the junior-senior banquet. Her mother is Loneda Rose.

Cheryl Green, daughter of Jack Green, and Tommy Chaffins, were named best dancer and wittiest, and most school spirited and friendliest in the Welch Junior High school yearbook . . . Cathy Cook, daughter of Lucille Cook, will attend leadership training at Camp Horsehoe this summer under the sponsorship of the Pineville Woman's Club.

In church elections recently, Mrs. J. B. Rhudy was elected recording secretary and Mrs. Henry Farmer first vice president of the Wesleyan Service Guild in their respective churches in Welch and Grundy.

William L. Mitchell and his wife have been installed as associate
(Continued on page 8)

Huntington

A son and a daughter of employees figure in the personal news this month.

The daughter is Lynda Hall, whose father is manager at Point Pleasant. She has been elected secretary of the student council at Point Pleasant senior high school, and president of the Candy Strippers at the Pleasant Valley Hospital.

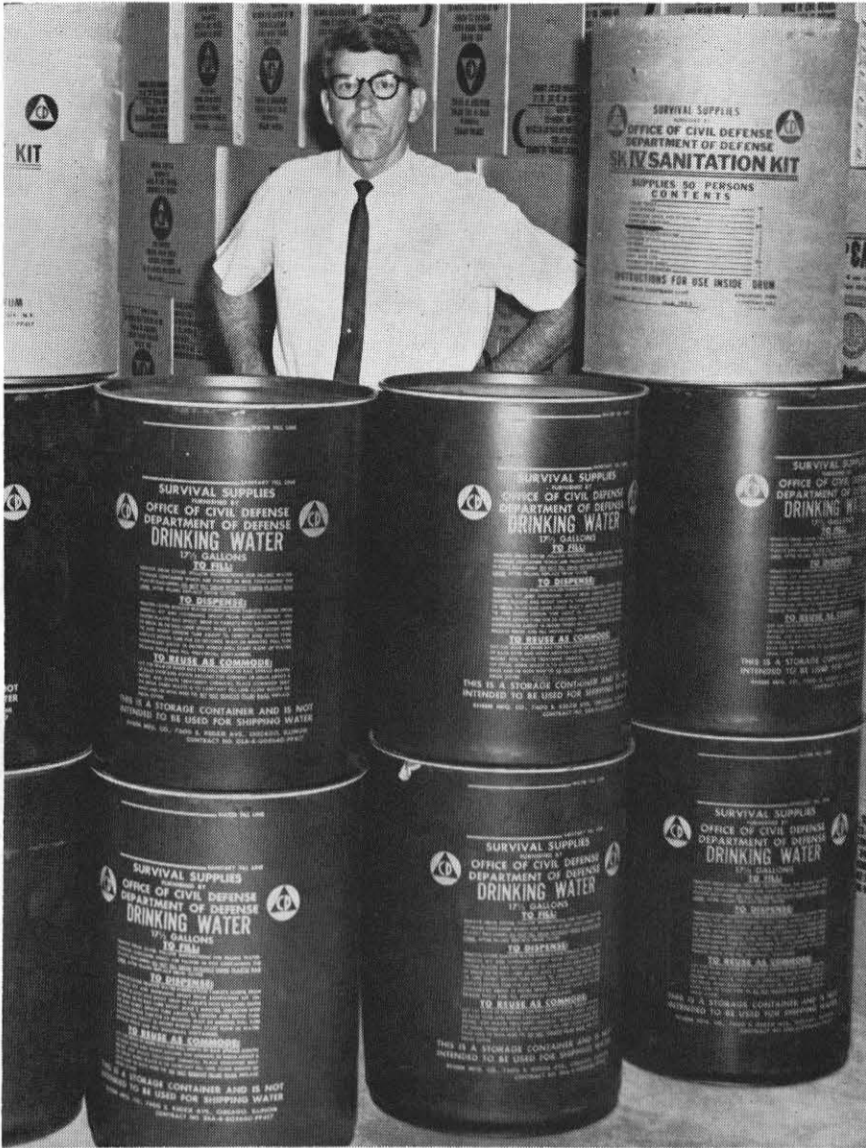
Robert Tillis, whose father is R. D. Tillis, also of Point Pleasant, has been selected as a delegate to Boys State this summer. He is a junior at Point Pleasant high school, ranks in the top fourth of his class, and is a member of the Key Club

and the student council.

Hugh D. Stillman, Huntington division manager, is the recipient of a certificate of appreciation from the Huntington Chamber of Commerce.

The award, for recognition of his outstanding and meritorious service, was given in appreciation of the fine spirit of unselfishness that prompted his efforts on behalf of the chamber.

Mr. Stillman is a past president and retired board member, and is a member of the Huntington Industrial Corporation Trustees, a branch of the chamber. The award came at the 76th annual dinner of the chamber and was presented by Raymond Brewster, president.



L. R. Buchanan, Roanoke's shelter manager, is surrounded by some of the accumulation of supplies acquired in the general office building shelter area—food, water, and sanitary and medical equipment. The Roanoke office has space for 2,700 employees and dependents, and supplies to last for at least two weeks.

In the event that the unthinkable happens, and nuclear war comes, the AEP System is taking steps to protect its people and facilities so that electric power will be available to a rebuilding nation.

JUST IN CASE

Through the hollows the steady moan of the siren lingers and echoes. Hastily, but without panic, women and children pack up a few personal items, a favorite book or toy, a bottle of vitamins, and so on, and go to meet a ride. They drive up to the power plant and quickly file in. The door is shut. They might not see the light of day again for two weeks or more. Outside the sun still shines; the world looks calm and peaceful.

You cannot see fallout.

Fictional? Yes. Unlikely? Yes. Impossible? No.

And because atomic attack by this nation's enemies is not impossible, defensive measures have to be taken. In the wake of such attack, an immense rebuilding job would await the survivors, and without electricity, the rebuilding would be immensely more difficult.

Electric service would have to be provided in a post-attack world by the same people who provide it today. And that's why the American Electric Power System has made a major commitment to spend capital dollars, time, and efforts to provide protection for its employees and their families to the fullest extent possible.

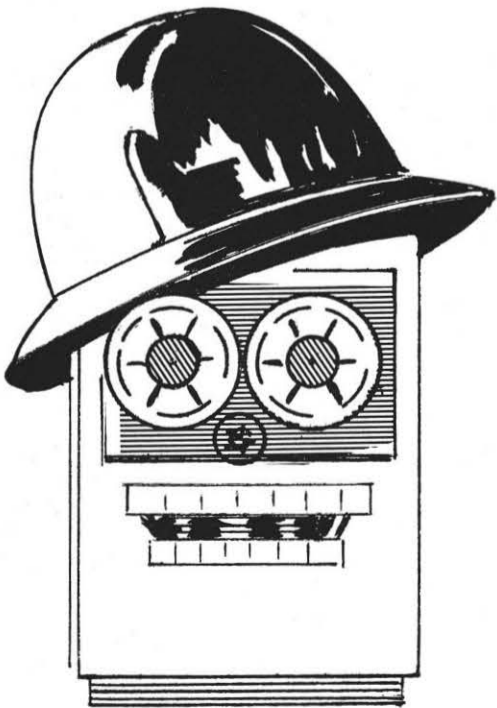
In participating in the civil defense program, the company becomes a part of the government's system of defense. A program of fallout shelter construction and stocking is, in military terms, a "damage-limiting system" along with offensive missiles, defensive missiles, and blast shelters.

Life in a shelter goes on, and ways to make themselves useful shelter plan includes specific times for work, rest, and



New System Speeds Li

The Computer Goes Overhead



The computer can do a great many things, it's true, but climb a pole? No, not yet.

But what the computer and its masters have done is eliminated a great deal of the paper work formerly involved in most distribution jobs. The result of much study and planning, the idea is called "compatible units."

The compatible units system is currently in a pilot stage in Lynchburg. It deals—for the present, anyway—only with overhead distribution work. In its ideal form, it permits the planning engineer to spend more time on his function and less on clerical and calculating chores; it simplifies cost estimates; it adds speed and efficiency to storeroom operations; it makes the crew foreman's paper work lighter, and it provides an effective new means of keeping company equipment records.

How does this marvel work?

The compatible unit system is based on the fact that every distribution job involves generally the same things: poles, wire, bolts, washers, and so on. This fact was the starting point. After careful planning and long study, the "units" were assembled. Each item of material was numbered and assigned to a unit; and since the unit and its component parts would be the same in South Bend as in Lynchburg, they were compatible.

Essentially, the distribution job begins in the same way as before: with the engineer planning the job. In listing his materials, however, he lists only the compatible unit number. This is fed into the computer in Canton via microwave, which sends back a cost estimate and a material issue record which lists for the storeroom the specific items in the units required for the job.

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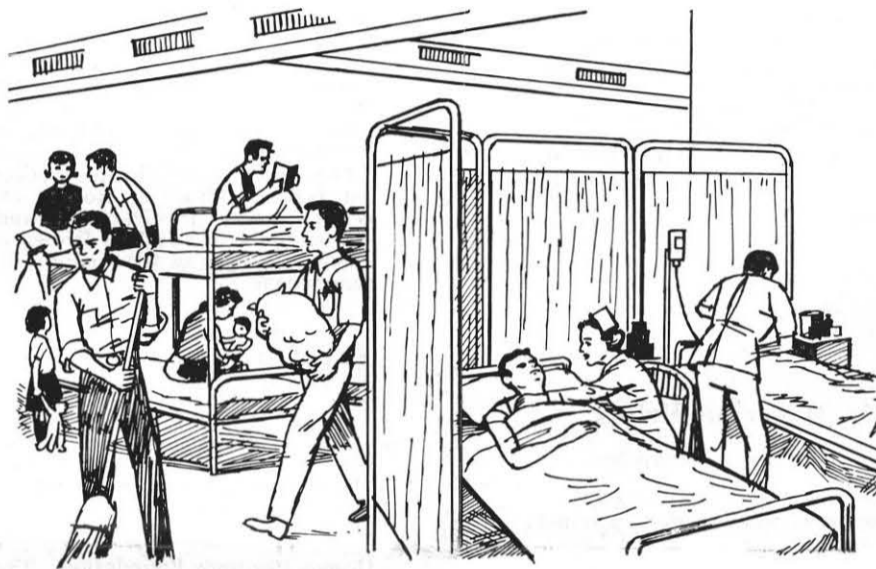
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Electric service would have to be provided in a post-attack world by the same people who provide it today. And that's why the American Electric Power System has made a major commitment to spend capital dollars, time, and efforts to provide protection for its employees and their families to the fullest extent possible.

In participating in the civil defense program, the company becomes a part of the government's system of defense. A program of fallout shelter construction and stocking is, in military terms, a "damage-limiting system" along with offensive missiles, defensive missiles, and blast shelters.

Life in a shelter goes on, and those in it must find ways to make themselves useful. A well-developed shelter plan includes specific duties for all, and specific times for work, rest, and recreation.



George Guill, Appalachian supervisor, tries out the amateur radio system installed in the basement office. In the event of attack operating and communications will maintain contact with other stations and keep as much of the system as possible.

But whereas a Nike missile system would save an estimated 27.8-million lives, a shelter program would cost \$19-billion, save 100 million lives, an effective fallout shelter would cost \$3-billion to save an estimated 100 million lives.

The AEP program is based on that.

All over the system, potential shelter areas in office buildings is being surveyed and a likely area is found, with a protection or capable of being built in—as, for example, windows in an office basement—necessitating immediate action. These involve architectural changes, and heating and cooling.

The area is surveyed to determine what can be accommodated, based on a person, and food stocks—special crack supplements—are acquired from civilian sources. Bedding, sanitary equipment, games and other items designed to make shelter life comfortable are also laid in.

Every building on the system is being surveyed. The goal is to have maximum shelter capacity by 1970. Meanwhile, all new structures being built, built in. Muskingum plant, for example, will have its shelter in the basement. Also tucked safely away will be the communications and supplies and equipment will be in place. Only 13 cents per kilowatt. Similar in cost to Cardinal and Big Sandy Unit 2 plans.

Existing generating units will operate. Logical readings indicate it is safe to operate. It would be dangerous for the shelter inhabitants to have huge drafts of contaminated outside air.

The AEP system civil defense plan includes an effective communications system. The system: by telephone to existing stations which would be operating in a fallout situation; by telephone to our existing stations and by radio. Amateur radio stations are the three major operating centers on the system.

New System Speeds Line Work

Computer Goes Overhead

How can the computer do a great many things, it's true, but climb a pole? No, yet.

What the computer and its masters have done is eliminated a great deal of paper work formerly involved in distribution jobs. The result of this study and planning, the idea is called "compatible units."

The compatible units system is presently in a pilot stage in Lynchburg. The results—for the present, anyway—only overhead distribution work. In its final form, it permits the planner to spend more time on his thinking and less on clerical and calculating chores; it simplifies cost estimates; it adds speed and efficiency to room operations; it makes the crewman's paper work lighter, and it provides an effective new means of organizing company equipment records.

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Essentially, the distribution job begins in the same way as before: with the engineer planning the job. In listing his materials, however, he lists only the compatible unit number. This is fed into the computer in Canton via microwave, which sends back a cost estimate and a material issue record which lists for the storeroom the specific items in the units required for the job.

Since the cost estimate also includes a division of manpower costs, the foreman on the job has only to report the total number of manhours spent. (Similarly, when the job is completed, there will be a substantial reduction of paper work in the records section.)

Also a part of this work is a report on removal of material and salvage or scrapping of it. This information, funneled into plant records in the system accounting department, is invaluable in keeping track of capital investment and depreciation information.

The compatible unit operation is still not completely installed in Lynchburg. Other phases are planned and will be put into use as soon as practicable. Eventually, the compatible unit system, with improvements or changes developed through the Lynchburg experience, will become system-wide.

Its advantages are standardization, which will permit economies in purchasing, and which will permit crews, moving from one division or company to another in the case of emergencies, to speak the same language. It makes better use of human skills, and puts the computers to more efficient use.

George Guill, Appalachian system communications supervisor, tries out the amateur radio station equipment installed in the basement shelter in the Roanoke office. In the event of attack, this area would house operating and communications people, and would maintain contact with other company facilities to keep as much of the system going as possible.



But whereas a Nike missile system costs \$20-billion, and would save an estimated 27.8-million lives, and a blast shelter program would cost \$19-billion and save 25.2-million lives, an effective fallout shelter program carries a \$3-billion price tag to save an estimated 48.5-million lives.

The AEP program is based on that concept.

All over the system, potential shelter space in plants and office buildings is being surveyed and studied. When a likely area is found, with a protection factor either present or capable of being built in—as, for example, bricking up windows in an office basement—necessary steps are started immediately. These involve architectural changes, ventilation, and heating and cooling.

The area is surveyed to determine how many persons can be accommodated, based on a square-footage per person, and food stocks—special crackers and carbohydrate supplements—are acquired from civil defense sources. Bedding, sanitary equipment, games, books, tools, and other items designed to make shelter life efficient and comfortable are also laid in.

Every building on the system is being so surveyed, and the goal is to have maximum shelter spaces installed by 1970. Meanwhile, all new structures will have the shelter capability, built in. Muskingum plant's new unit, for example, will have its shelter in the stack in three levels. Also tucked safely away will be the control room, shielded, and communicating with the shelter area. All of this space and supplies and equipment will be installed at a cost of only 13 cents per kilowatt. Similar installations are part of Cardinal and Big Sandy Unit 2 plans.

Existing generating units will operate as long as radiological readings indicate it is safe to do so. After that it would be dangerous for the shelter inhabitants in a plant if huge drafts of contaminated outside air were brought in.

The AEP system civil defense plan also includes an effective communications system. Actually it is three systems: by telephone to existing telephone systems, which would be operating in a fallout, but not a blast, situation; by telephone to our existing microwave network, and by radio. Amateur radio stations have been set up in the three major operating centers on the system, and can

communicate shelter to shelter, and eventually to control centers. In Roanoke, the radio is in the basement shelter. By a remote television camera to be mounted in the coordinating center on the sixth floor, operating personnel sheltered in the basement can read all the load data recorded on dials and charts in the sixth floor center.

An undertaking of the magnitude of AEP's civil defense commitment cannot be completed at once. The groundwork has been laid, and the structure is going up. Much remains to be done. Training of radiological monitors will be continued, shelter managers will be trained for each designated area.

Detailed plans for notifying employees and their families, for entering the shelter, for organizing life inside—all these remain to be done in some measure. Clinch River plant was selected as a pilot operation for many of these arrangements, and the result is a carefully-worked out plan in which everyone in the plant's work force has a specific assignment, either in notification, assembly or delivery of employees and dependents, or in shelter duties. The Clinch River plan is being studied as a possible standard guide for organization.

The rest of the work is being pushed along as rapidly as possible.

That it would be necessary to use the shelter at all is a dreadful thought; but if it happens, we'll be ready.



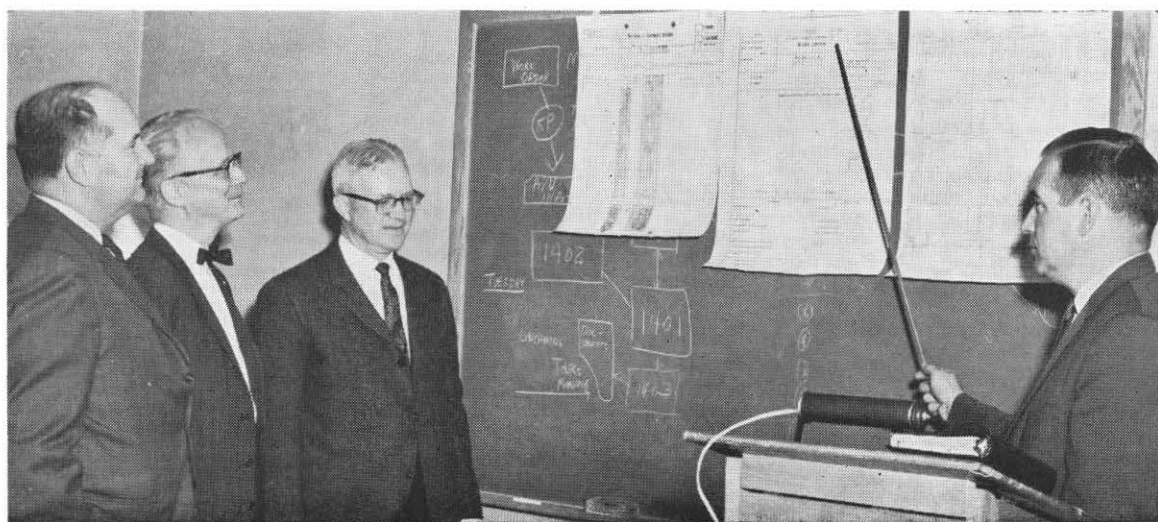
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Also a part of this work is a report on removal of material and salvage or scrapping of it. This information, funneled into plant records in the system accounting department, is invaluable in keeping track of capital investment and depreciation information.

The compatible unit operation is still not completely installed in Lynchburg. Other phases are planned and will be put into use as soon as practicable. Eventually, the compatible unit system, with improvements or changes developed through the Lynchburg experience, will become system-wide.

Its advantages are standardization, which will permit economies in purchasing, and which will permit crews, moving from one division or company to another in the case of emergencies, to speak the same language. It makes better use of human skills, and puts the computers to more efficient use.

Testing the compatible unit system in the field (right) are Clyde Marshall, system coordinator, A. L. Ward, line foreman, and R. E. Foster, Lynchburg division coordinator. At bottom, in one of the training and indoctrination sessions held in Lynchburg are P. J. Bailey, division engineer; S. R. Pritchard, system, Mr. Foster and Mr. Marshall.



Five Service Anniversaries Add Up To 195 Years

Five employees last month marked long service anniversaries with Appalachian, and for four of them, the anniversary was the 40th. They are H. E. Bucklen and Roy Foster, system; J. O. Bartlett, Charleston, and A. W. York, Huntington. The fifth was Ed Jarrett, a 35-year man from Cabin Creek plant.

Mr. Bucklen

Mr. Bucklen began his 40-year career in the meter department in Charleston May 21, 1926 as meter clerk, and was transferred to the system meter department in February 1941. In October 1942 he enlisted in the Seabees, and returned from the war in October 1945 to his meter work in Charleston. When the system meter department moved from Charleston to Roanoke in January 1956, he moved with it, and is now a meterman.

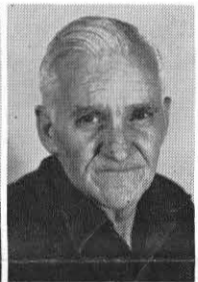


Mr. Bucklen

For the past several years Mr. Bucklen has devoted much of his spare time to the completion of his cottage on Claytor Lake. Now that this task is almost finished, he says, he can spend more time boating and fishing. Mr. Bucklen is married, and is a member of Villa Heights Methodist Church.



Mr. Foster



Mr. Bartlett

Mr. Foster

Mr. Foster, system right of way agent, started with the company as a clerk in the Roanoke district. He worked later in the commercial department as rural sales representative and dealer sales representative before moving to his present position in 1959. Mr. Foster has been most active in church work. A member of the Blue Ridge Church of the Brethren, he has been Sunday School teacher, chairman of the finance commission, chairman of the board of deacons, moderator, chairman of the church extension committee, and secretary of the district

board. He has also served nine years on the national council of men's work.

Mr. Foster has been concerned with the work of the Red Cross, the Ruritan Club and the Chamber of Commerce, all in Botetourt county, where he lives, and has been a member for 15 years of the advisory committee to the county school board. He is married, and has three sons and two grandsons.

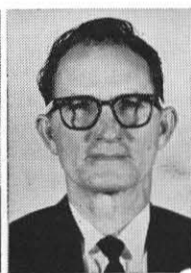
Mr. Bartlett

Mr. Bartlett's company service began with the old West Virginia Water and Electric Company, six months before the company became part of Appalachian. All of his service since then has been in the station department, where he is a stationman. He has had a part in building many of the stations which now serve the Charleston complex.

He counts the repair of motors and small appliances as a hobby. He and his wife are the parents of five children and grandparents of 12.



Mr. York



Mr. Jarrett

Mr. York

Mr. York, presently assistant stores supervisor in Huntington, began his service in May 1926 as a helper in the meter department. He moved to the stores department in 1930, and worked successively as floorman, assistant storekeeper, and clerk before he was named in 1949 to his present position.

He is a member of Central Methodist Church, and enjoys hunting and fishing. He has two sons and two daughters, and 11 grandchildren.

Mr. Jarrett

Mr. Jarrett, labor-janitor foreman at Cabin Creek, started to work in May 1931 in coal handling at the plant. He later became coal and ash equipment operator, and was promoted to his present job in February 1956. As a member of the company's Megawatt Bowling League, he carries a 169 average, and in addition to bowling, counts fishing, hunting, skiing and boating as his hobbies. He has spent vacation time for the past 14 years fishing in Canada. Mr. Jarrett is also a member of the board and a trustee of the Church of the Nazarene in Belle. He and his wife have three daughters and five grandchildren.



Mr. Stanley

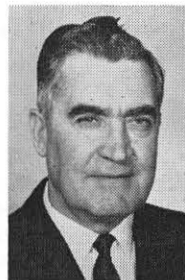
Stanley Retires To Cattle Farm

C. C. Stanley, one of the builders of the Smith Mountain project, and a veteran of many construction jobs on the American Electric Power system, retired March 1, after 40 years of service.

Mr. Stanley was a school teacher for some time after he graduated from Berea College. He joined Appalachian in Roanoke, and worked as laborer, field clerk, electrician, and bookkeeper on various company projects. In 1940 he was named construction office manager at Indiana & Michigan Electric Company's Twin Branch plant at Mishawaka, Indiana. He held the same post in other construction jobs until he moved to the Smith Mountain project in 1960.

Mr. Stanley and his wife have a farm near Meadows of Dan, Virginia, where they will raise beef cattle, and where he has a farm service supply business. The couple's son, Richard, lives in Martinsville.

Three Contribute To Operating Ideas



Mr. Ballard



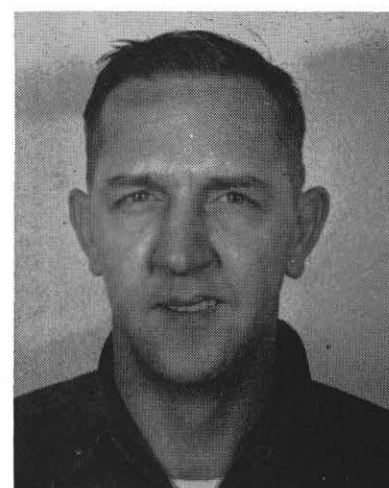
Mr. Martin

In the May issue of *AEP Operating Ideas*, a system and two plant men were represented.

Paul Blizzard, who recently moved from Clinch River plant to Ohio Power's Windsor plant described the method of installing shoe bearings on preheater rotors, a procedure which virtually eliminates vibration of the heavy shaft. The bearing used was invented by Mr. Blizzard.

Use of a new low maintenance belt cleaner was recommended by H. L. Ballard, yard foreman at Kanawha River plant. The new cleaners required only three man-hours of maintenance last year, compared with an average of 84 man-hours spent on the old chain-driven belt cleaners.

B. K. Martin, senior engineer in the system meter department in Charleston reported on a simple aligning jig he developed to adjust time recorder settings. The result is a substantial saving in time and material.



Mr. Grimes

John B. Grimes Dies At Home

John Bentley Grimes, master maintenance man at Clinch River plant, died suddenly of a heart attack at his Lebanon home April 23. He was 39. He joined the company at Kyger Creek Plant in 1955 and transferred to Clinch River in 1958.

Mr. Grimes was born in Logan, West Virginia, October 13, 1926. His father is John H. Grimes who was a shift supervisor at Logan plant and a shift operating engineer at Sporn plant. He is now retired.

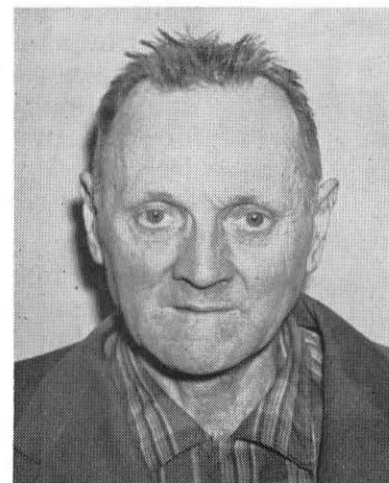
Survivors include his wife, Flara Canterbury Grimes, and a daughter, Linda, who reside in Lebanon. Funeral services were conducted at the Lebanon Memorial Methodist Church with burial following in Forest Lawn Cemetery, Logan, on April 26.

T&D Magazine Prints System Man's Article

An article by J. H. Campbell, system electrical engineer, appeared in the May 1966 issue of *Transmission & Distribution* magazine.

Called "Easy Way To Make Doble Hot-Collar Test," the article describes a conductive rubber collar developed for hot-collar tests, replacing one made of spring steel. That the steel collar was called "knucklebuster" is an indication of the difficulty of its use. The new collar works as well and is much easier to place. One size rubber collar fits all needs, as opposed to the need for many sizes of steel collars.

Stationman Retires In Pikeville



Mr. Charles

Ireland Charles, Pikeville division stationman, has retired with more than 20 years of continuous company service.

He joined the company in April 1944 as a maintenance man in the station section, and has spent his career in that group. He also had previous service.

Mr. Charles has lived in Pike county all his life, and now lives on a farm near the family place. He has five children living at home.

His retirement plans include, for the present, farming and gardening.



Appalachian Power Company

ABINGDON DIVISION—20 YEARS: WILLIAM McFALL, Jr., lineman. 10 YEARS: JEWEL W. SWINDALL, contract clerk.

BLUEFIELD DIVISION—30 YEARS: WADE LUTHER NASH, meterman. 25 YEARS: ERNEST WALTON LINKOUS, assistant stores supervisor; A. G. FERRELL, line foreman. 20 YEARS: ROY LEE MADISON, head meter clerk; E. M. MCKINNEY, lineman. 15 YEARS: NEVA OKES SHEPHERD, cashier.

CABIN CREEK PLANT—35 YEARS: ED JARRETT, labor-janitor foreman.

CHARLESTON DIVISION—40 YEARS: J. O. BARTLETT, station man. 30 YEARS: LEROY GOODE, line foreman. 20 YEARS: J. C. NUTTER, meter serviceman; ROBERT ISNER, T&D clerk; BILLY E. BLAKE, meter reader; DELT CROSIER, line foreman. 15 YEARS: KENNETH ESTEP, lineman; JOHN W. SHOLES, collector; GLENN A. PAUL, meter serviceman.

GLEN LYN PLANT—25 YEARS: E. E. THOMPSON, unit foreman. 15 YEARS: A. W. DUNFORD, janitor; E. E. MEDLEY, maintenance man; W. S. WADE, maintenance helper.

HUNTINGTON DIVISION—40 YEARS: A. W. YORK, assistant stores supervisor. 25 YEARS: E. C. DAVIS, engineering aide; R. P. MALLORY, heating and builder sales representative. 20 YEARS: H. C. DAVIS, engineer. 15 YEARS: T. W. HATFIELD, station man; PEARLENE VAN-OOTEGHEM, T&D clerk; VONDA L. BARNETTE, general clerk. 10 YEARS: FREDERICK NIBERT, engineering aide.

KANAWHA RIVER PLANT—10 YEARS: C. L. KNIGHT, instrument maintenance man; K. G. WINTER, auxiliary equipment operator.

LOGAN-WILLIAMSON DIVISION—20 YEARS: W. H. KING, engineering aide; JAY E. RUNYON, heating and builder sales representative; W. E. BIVENS, division residential and rural sales supervisor. 15 YEARS: W. M. HILL, area serviceman; DORIS DRAKE, line inspector.

LYNCHBURG DIVISION—20 YEARS: G. C. WHEELER, division engineer.

PHILIP SPORN PLANT—15 YEARS: SAMUEL E. HOLLIDAY, Jr., master maintenance man; EDWIN F. HUDSON, harbor boat operator; WILLIAM E. STIVERS, maintenance man; PAUL D. NEASE, equipment operator.

PULASKI DIVISION—30 YEARS: M. C. SPANGLER, line inspector; F. E. ROTENBERRY, division hydro supervisor. 25 YEARS: L. J. AYERS, maintenance man; D. G. COVEY, master maintenance man; T. D. SMYTHERS, hydro operator; W. M. TAYLOR, maintenance man. 10 YEARS: W. C. HAGER, agricultural sales engineer; J. R. PUGH, draftsman.

ROANOKE DIVISION—30 YEARS: L. A. HUFF, groundman. 25 YEARS: H. L. CANDLER, agricultural sales engineer. 20 YEARS: F. A. HARRIS, meterman; J. E. HARRIS, janitor. 15 YEARS: BETTY J. BAKER, stenographer; J. A. DUNHAM, division commercial and industrial sales supervisor. 10 YEARS: B. J. AKERS, meter serviceman.

SYSTEM—40 YEARS: CLAUDINE M. FOSTER, customer record clerk; ROY M. FOSTER, system right of way agent; H. E. BUCKLEN, system meterman. 30 YEARS: H. D. VEASEY, system senior civil engineer; G. M. GULL, Jr., system communications supervisor; W. A. IRVIN, Jr., system right of way agent; R. E. MARTIN, system right of way supervisor. 25 YEARS: J. W. FORE, purchasing and stores assistant; LEE NANCE, maintenance man; C. A. SWEENEY, draftsman; LENO BIANCHINOTTI, assistant regional chief dispatcher. 20 YEARS: BERNARD MULLENS, assistant regional chief dispatcher. 15 YEARS: P. C. BERNARD, Jr., system operations coordinator; C. F. BUNTING, regional dispatcher. 10 YEARS: A. R. ASH, system transmission man; A. L. TURNER, draftsman; BETTY LOU CARTER, private secretary; J. E. COOK, regional dispatcher.

Kentucky Power Company

ASHLAND DIVISION—30 YEARS: GENE MOORE, division superintendent. 10 YEARS: WILBUR SLONE, engineering aide.

HAZARD DIVISION—25 YEARS: ADRIAN COMBS, senior distribution engineer.

PIKEVILLE DIVISION—25 YEARS: CRAIG H. FIELDS, residential sales advisor. 20 YEARS: LLOYD COLLINS, serviceman. 15 YEARS: TILDEN JUSTICE, serviceman.

Personals

(Continued from page 5)

patron and marshal of the Order of Eastern Star in Grundy.

Samuel Hylton has been elected secretary of the Grundy Lions Club, and Claud K. Kirkland appointed chairman of a special fund-raising committee for the McDowell County Development and Improvement Association.

Lynchburg

Two posts came to W. S. White Jr. last month. He was elected vice president of the Piedmont area, Boy Scouts of America, and named to the executive committee of the Lynchburg chamber of commerce. Employees named to other chamber committees include Loyd Smith, L. M. Miller, R. L. Hatch, and Lawrence G. Dougan.

David Tibbs, a junior at E. C. Glass high school, ended the year in fine style. He was elected vice president of the student council, president of the varsity G Club, and a representative to Boys' State. His sister Jane, a freshman at Longwood College, was one of 50 freshmen elected to membership in the Colleague Society, and was

captain of the freshman softball team. They are the children of Roy Tibbs, commercial.

System

Two system employees drew special recognition at the regional meeting of the Virginia Jaycees in Roanoke last month. J. Emmett Blackwell, administrative, president of the Roanoke chapter was chosen the outstanding local president, and William Ditman, T&D, won the Spoke Award, annually given to the outstanding first year member.

J. W. Kepner, system operations, has been elected to membership in the Eta Kappa Nu Association at West Virginia University. He was recognized by the organization, a national electrical engineering honor society, for his attainments and services in the field.

V. T. Carr, system accounting, has been elected chairman of the official board of the Mount Pleasant Methodist Church.

New system accounting employees are Judith Selander and Sandra Hudson.

Service Anniversaries Noted

30 Years



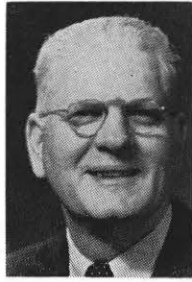
Gene Moore Ashland



Wade L. Nash Bluefield



Leroy Goode Charleston



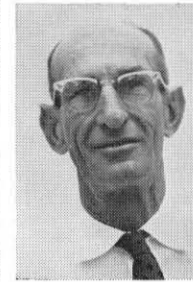
F. E. Rotenberry Pulaski



M. C. Spangler Pulaski



G. M. Guill Jr. System



L. A. Huff Roanoke



W. A. Irvin Jr. System



R. E. Martin System



H. D. Veasey System



Craig Fields Pikeville



Adrian Combs Pikeville



Leno Bianchinotti System



E. W. Linkous Bluefield



E. C. Davis Huntington



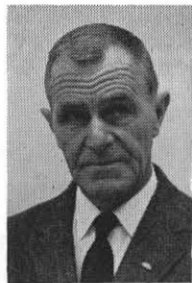
R. P. Mallory Huntington



A. G. Ferrell Bluefield



H. L. Candler Roanoke



Lee Nance System



J. W. Fore System



E. E. Thompson Glen Lyn



C. A. Sweeney System



D. G. Covey Pulaski



T. D. Smythers Pulaski



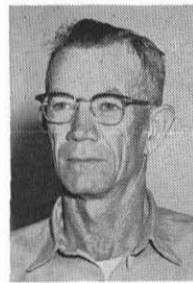
W. M. Taylor Pulaski



L. J. Ayers Pulaski



G. C. Wheeler Lynchburg



Lloyd Collins Pikeville



J. C. Nutter Charleston



Robert Isner Charleston



Billy Blake Charleston



Delt Crosier Charleston



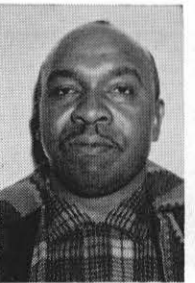
Jay E. Runyon Logan-Williamson



W. E. Bivens Logan-Williamson



W. H. King Logan-Williamson



J. E. Harris Roanoke



H. C. Davis Huntington



F. A. Harris Roanoke



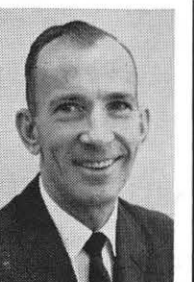
Roy Lee Madison Bluefield



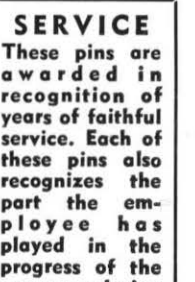
William McFall Abingdon



E. M. McKinney Bluefield



Bernard Mullens System



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

Company Men Lead Development Planning Session

Appalachian representatives took a leading part in the planning and presentation of an economic development seminar in Abingdon last month.

More than 300 persons from the business and professional lives of virtually every town in southwestern Virginia took part, and heard addresses by Congressman Pat Jennings and Governor Mills E. Godwin.

Fillmore McPherson Jr., Abingdon division manager, is chairman of the industrial committee of the Washington County Chamber of Commerce, the host organization. Jack Lloyd, area development director, was a member of the panel that discussed natural resources, and Jerry Whitehurst, area development consultant, was a member of the program committee for the seminar.

It's Hard Work, But Indian Relic Hobby Is Worth It

You have to do some hiking, climbing, and spelunking, and most of all, "you have to dig for them." But if you're interested in American Indian relics, then all the trouble is worthwhile.

So feels N. Jack Burk, Clinch River plant equipment operator, who for 18 years has gained pleasure and relaxation in his hobby of collecting Indian artifacts.

Where he lives in Clinch Valley is rich with the remains of America's earliest culture, having served as a hunting ground and the site of several villages. Although this tells him where to look (he has adventured into surrounding counties and Kentucky too), it does not find the relics for him. That takes work, because the best specimens are found in remote places, underground, in caves, and places like that. The day when you can walk along picking them up is almost past.

Mr. Burk did say, however, that even this can be done if you are fortunate enough to happen on land along a river or creek that has just been plowed. If Indians used to hunt or live here, you are likely to find that the plow has dug up several valuable objects.

He says that the best time to search is in early spring before too much new growth accumulates and obscures such objects as arrowheads, tomahawk heads, flint fishing hooks, stone drills, flint needles, and flint knives.

A good place to look is in caves, because several tribes lived in them. Limestone cave country can produce a bonanza. Indian burial grounds are also good places, because often Indians were buried with their possessions.

It takes work, but Mr. Burk finds his hobby rewarding and fascinating.

Claudine Foster Retires From System Accounting

Claudine Foster, customer record clerk, in the system accounting department, retired May 31 after having completed 40 years of service.

Miss Foster joined Roanoke Railway and Electric Company, predecessor of Appalachian, on May 5, 1926, as a storeroom clerk. She became a billing machine operator in the old centralized billing office and was later promoted to proof clerk. Since conversion to electronic data processing, she has served as a customer record clerk.

Fellow employees entertained Miss Foster at a luncheon at which she was presented a diamond wrist watch and other gifts.

Miss Foster is an active member of the First Baptist Church and its Sunday School. In her retirement she plans to devote more time to her church work, listening to hi-fi, gardening, and travel.

Huntington Hero Awarded Medals

"Exceptionally valorous actions" and "outstanding meritorious service" have earned the Distinguished Flying Cross and Bronze Star Medal for Army Warrant Officer Larry K. Ford of Huntington.

The son of Leanna Ford, clerk-stenographer in the Huntington division, Larry already held 30 Air Medals and oak leaf clusters, a Purple Heart, and the South Vietnamese government's highest decoration for his gallantry in Viet Nam during 1965.

The 25-year-old hero earned the DFC, the nation's sixth highest award, for actions when he was aircraft commander and fire team leader of an armed helicopter team providing close air support for a search and destroy operation near Vi Thanh. When the force was pinned down by enemy fire, he led the team over hostile emplacements to provide air support for the ground forces. His co-pilot was injured and the platoon commander's helicopter was shot down. Then Larry assumed command and directed an attack against the Viet Cong while flying cover for the downed craft.

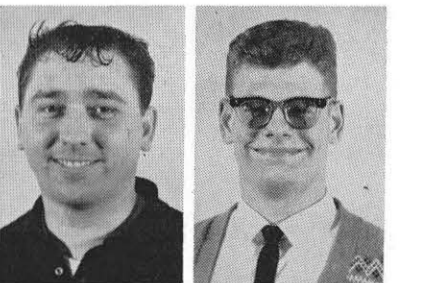
After dark, he successfully evacuated the wounded ground forces.

He has flown more than 500 aerial missions, and is now serving as a helicopter instructor-pilot at Mineral Wells, Texas.



W/O Ford

Two Leave Sporn For Army Duty



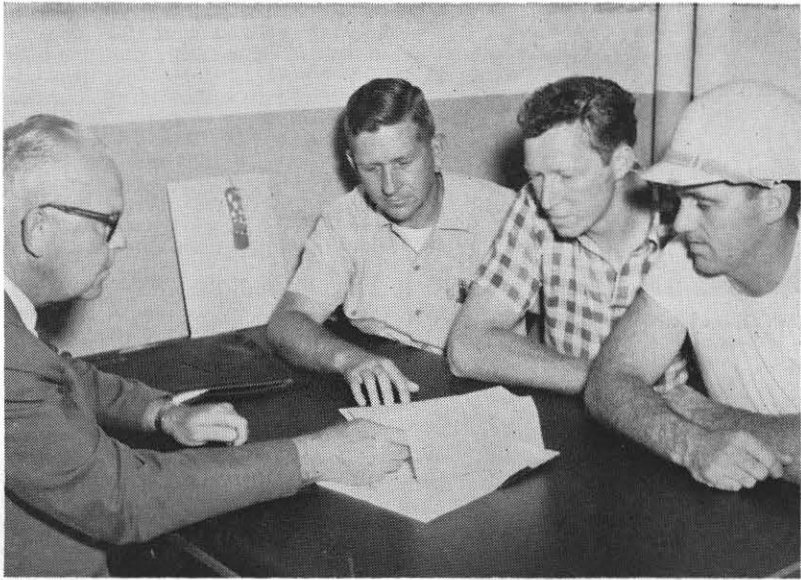
Mr. Reynolds Mr. Ball

Frank N. Reynolds and Larry L. Ball, both utility men at Sporn plant, have been called to Army service and have reported for duty.

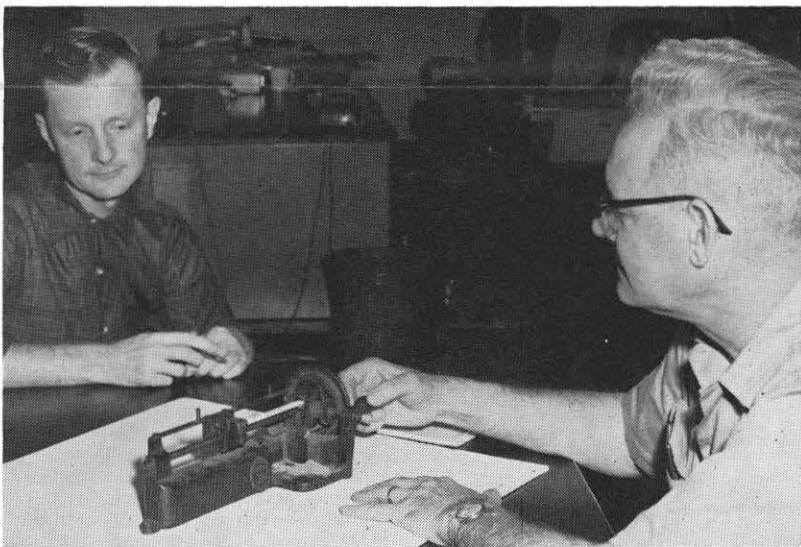
Mr. Reynolds has been ordered to Fort Lewis, Washington, and Mr. Ball to Fort Knox, Kentucky.

Both started to work at the plant the same day, March 1, 1966, in the labor-janitor department, and both are single.

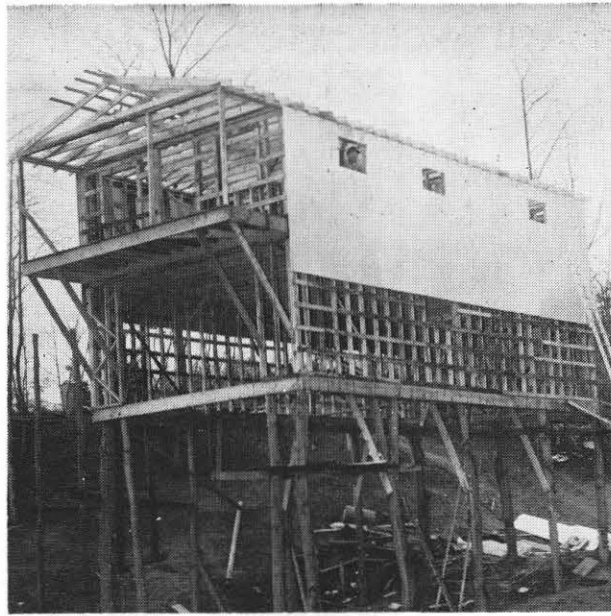
People, Places And Things



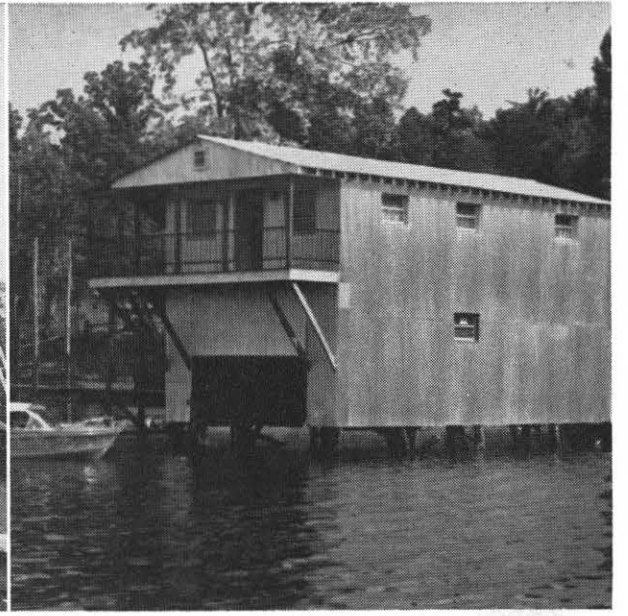
A kind of "branch office" has been set up in North Charleston by the Charleston division personnel people to accommodate field personnel who find it difficult to come to the downtown office. Three days a week, from 7:30 to 8:30 in the morning, and from 3:30 to 4:30 in the afternoon, somebody from the department is on hand to answer questions about company programs or benefits. Here Paul Parsons, personnel assistant, left, meets with Clifford Picklesimer, Raymond Martin and Don Hundley.



Pencil sharpeners, like anything else, pass through successive stages of newness, oldness, outdatedness, age, and finally, antique. Frank Barns, right, shows off an antique pencil sharpener he recently acquired. It was made in the late 1880's in Germany, of cast iron, and is 15 inches long. Except for a missing spring, it's in good shape, and still sharpens pencils. With Mr. Barns is C. W. Welch, T&D clerk.



A year ago, Roanoke's Sylven Snidow was building his lake-front home and boat house on Smith Mountain lake. The day the picture at left was made, the lake was 13 feet below maximum pool. Today, the lake is



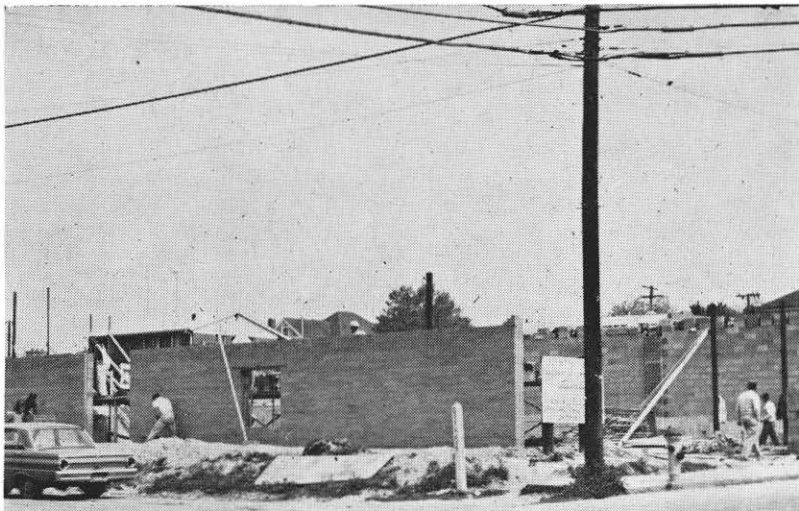
full, the boat house ready, the house—all electric, of course—stands ready for the long summer ahead. Mr. Snidow is a Roanoke division auto repairman.



This is the first good photograph made of the Great Goat of Smith Mountain. Half-wild and suspicious of anything human, he has been an observer of the work on the project since the first construction shack was put up. He has been sighted frequently, but usually bounded off before a picture could be made. He must be getting old to have allowed the photographer to get this close.



Honored by the national publication *Electricity In Building* is Thomas Booker, right, developer and builder of Roanoke's 120-unit all-electric Brandon Ridge Apartments. Even though it is only recently completed the occupancy rate already exceeds 50 per cent. Presenting the award to Mr. Booker is D. C. Kennedy, division manager.



Masonry work on the new Princeton office-service building is now almost finished. When completed in the early fall, the building will house all of Appalachian's personnel and functions in Princeton, including accounting and commercial departments, store and line facilities, and have an auditorium.



Charlestonians were told from virtually every side about the advantages of total-electric living in recent weeks. In short order there were, left, an open house in the all-electric West Gate subdivision.



Thirteen of the 24 homes already built here have been sold, and during the two-day open house program, 7,500 persons visited the homes. In the middle picture is

the exhibit sponsored by Appalachian and Monongahela Power Company at the West Virginia Restaurant convention. A red carpet, actually, was out for the 2,500

food operators who attended the convention to see the latest in electric cooking equipment. At right is Appalachian's exhibit on electric heat at the 8th Annual Southern



West Virginia Home Show. Commercial department representatives were on hand to answer questions put by some of the 74,000 persons who attended.



Looking over the spoils at left are the Roanoke winners from Smith Mountain. From left are Jim Reynolds, captain; D. C. Kennedy, division manager; Bob Pope, Jim Bauknecht, Orville Napier and Kenny Hern. At

right are the new Pikeville officers: L. M. Newsom, treasurer; James W. Skiles, secretary; Joyce King, vice president, and Robert B. Weddle, president.



The Live Wires team members included, from left: Carl Burner, Greer Matthews, Everette Lycan, Bill Marushi and Raymond Stein. At right are the Atomix



from Huntington. In the front row are Mavis Bailey and Bill LeMaster. In the back are Chris Connelly, J. O. Triplett and Ted Smith.

Final Pin Falls In Company Bowling Leagues

A few more winners crowned, some honors, two elections, and the final din of falling pins would up the bowling season in our companies. In the news around the area were these items:

Roanoke

Smith Mountain hydro's team won the Roanoke Championship, edging first-half winners Distribution by only seven pins after being behind by 66 pins earlier. A banquet marked an official end to the season. A Roanoker, Marshall Covey, who has served as president of Appalachian's bowling league, was chosen as president of the Roanoke Bowling Association. This 2,500-member organization is an affiliate of the American Bowling Congress. Covey was a director of the association for the past three years, and was also director of the first annual Appa-



Mr. Covey

lachian System Bowling Tournament held in Roanoke in April.

Megawatt League

The Alley Cats were a yowling success—winning the Megawatt League over second half winner Need Mores. In individual honors, Tom Redman had high average of 183, and John Blair rolled high single of 267 and shared honors with Leonard McKinney for high game with handicap of 284. Bill Massey had high series of 647 and Jim Rider high series with handicap of 723. For the women, Jeanne Sheets had high average of 163, Clara Armstrong and Carolyn Massey high game of 222, and Clara winning high single with handicap of 266, high series of 588, and high series with handicap of 720.

Huntington

The Atomix blasted their way to the Huntington crown over the Comics. Individually, Milt Cole and Lillian Russell were voted the most improved bowlers, while Jean Harbour with 164 and Bill LeMaster with 182 had high averages.

Bill Sarsfield had high single

of 255 and Monte Huffman high series of 633. Mary Sarsfield rolled 220 and 593 for high single and series for women. The Buzz Bars had high team single of 1100 while the Comics rolled 3165 for high series.

Big Sandy

Ashland was the scene of the Kentucky Power Company league roll-off, and the Live Wires and the Volts from Big Sandy were the opponents. The Live Wires had the momentum they gained winning the second half crown and went on to the championship.

Logan

Loganeers honored their children through the Logan Junior Bowling Association. Among the winners were: Barbara Beckett, daughter of Jack Beckett, system, member of the winning team in the junior girls division; Nancy Collins, daughter of Howard Collins, division personnel supervisor, member of second place team in senior girls division and member of second team in Senior Bowlerette League; and Robin Kinser, daughter of Dallas Kinser, T&D, most improved bowler in the Junior Bowlerette League.

Pikeville

New officers to lead the Pikeville Employees Bowling League were chosen. Robert B. Weddle is president, Joyce King, vice president, James W. Skiles, secretary, and L. M. Newsom, treasurer.

Sporn Plant

Three events: The Chargers won the team event with Tennant's No. 1 second in the Philip Sporn Plant Bowling Tournament. Charles Yeager won the singles, with George Wright second and George Johnson third. Mark Ward and Jim Pauley won the doubles, Bob Couch and James Russell were second and Karl Wiles and John Taylor were third. Bub Stivers won the all events with Charles Yeager second and James Haggerty third.

The Mason Bowling Center team, made up entirely of Sporn plant employees, won the first and second halves of the Tuesday Nite Late League. Rolling were Cricket Searls, James Haggerty, Bob Gilmore, Lloyd Wright, Willis Dudding, Bub Stivers, and Charles Yeager.

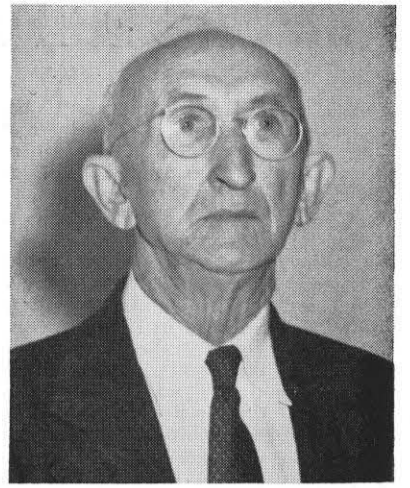
Finally, winners of the Sunday Nite Mixed League at the Mason Bowling Center were Bob and Billie Gilmore and Ed and Mary Stein.



Team and individual winners in the Megawatt League includes these people. Seated: Dixie Foster, Need Mores; Airetta Blair, Need Mores; Carolyn Massey, high single tie; and Margaret Fields, Alley Cats. Second row: Jeanne Sheets, high average; Carol Marchal, Alley Cats; Clara Armstrong, high single tie as well as high series and high series with handicap. Third row: Bob Marchal, captain, Alley Cats; Leonard McKinney, high game with handicap tie; B. B. Briggs, Need Mores; and Bill Massey, high series. Fourth row: Buck Stone, Alley Cats; John Blair, Need Mores and high single; Gus Lagarde, Need Mores; and L. C. Hartman, Alley Cats. Missing were Russ Fields, Alley Cats; Charles Crawford and Roy Rader, Need Mores; Tom Redman, high average, and Jim Rider, high series with handicap.

Collier Awarded Scholarship

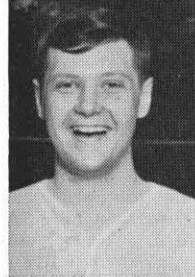
David Collier, son of Jesse Collier, working line foreman in Pikeville, has been awarded a basketball scholarship at Pikeville College. David was an outstanding member of the Pikeville high school team during the 1965-66 season. David played center and was a key rebounder. He plans to study premed.



Mr. Ratliff

Collegians Score In Two Tourneys

Len Duren, son of Mary Beth Duren, stenographer in the Ashland division accounting office, was a winner in the recent Ashland Community College Net Tournament. Len and his partner won first place in the doubles and Len also received a trophy for runner-up in the singles.



Len Duren

Another collegian, Becky Bondurant of Abingdon, was runner-up in the recent Virginia state intercollegiate golf tournament, competing against girl golfers from Maryland, North Carolina, and Virginia. A freshman at Longwood College, Becky is the daughter of Rufus Bondurant, division superintendent.

Len has been playing tennis for the past four years and was also a winner in the same tournament last year.

John Ratliff Dies In Grundy

John E. Ratliff, retired Bluefield division station operator, died in a hospital May 3. He had suffered for several years from a heart condition.

A native of Buchanan county, Mr. Ratliff joined the company in January 1931 as a laborer, and held several assignments in the station department until he retired in 1954 as station operator.

In retirement he tended bees, fished, and served variously as justice of the peace and part-time jailer for the county. He was a member of the Grundy Church of Christ, and of the Grundy Lodge, I. O. O. F.

He is survived by his widow and eight children.



Appalachian Power Company

Abingdon Division

E. L. MULLINS from lineman helper to lineman C; J. H. BROOKS from lineman B to lineman A; EVELYN S. CAMPBELL, stenographer, from commercial department to personnel department; EDYTHE T. GARNAND, stenographer, from stores department to commercial department; R. D. HARRISON, accounting department, from Abingdon to Clintwood.

Bluefield Division

LONEDA M. ROSE from cashier clerk, senior, to general clerk, senior; JOHN E. DAVIDSON, JR., from meter reader to transmission and distribution clerk.

Charleston Division

J. R. LOWTHER from building supervisor to system electrical engineer; LARRY SWANNIGAN from lineman C, Beckley transmission and distribution department, to heating and builder sales representative, Charleston division commercial department; PAT TAYLOR from transmission and distribution clerk, division transmission and distribution department, to general clerk, senior, division accounting department, St. Albans; JOHN G. BURNSIDE from meter clerk to transmission and distribution clerk; SHARON O. RATLIFF from clerk stenographer, personnel department to clerk stenographer, commercial department; BRENDA E. THURMAN from cashier, division accounting, to clerk-stenographer, division personnel; RALPH BAUGHAN from utility clerk to utility clerk, senior; JOHN HADDON SMITH from clerk trainee, division accounting to meter clerk, division transmission and distribution meter section; LEONARD BIRD, Kanawha Valley Power Company, from laborer to utility man; CAROLYN VIARS from stenographer to secretarial stenographer; ROBERT W. GILSPIE from lineman B to lineman A.

Clinch River Plant

JAMES R. TRAIL from maintenance man to master maintenance man; JAMES B. BRITT, JR., from maintenance man to master maintenance man; DONALD LASLEY from junior maintenance man to maintenance man; DANIEL R. HIGGINS from helper to junior maintenance man; LANDON E. VANCE from results helper to helper; BILLY G. DUTY from utility man to results helper; JESSEE D. HACKNEY from instrument maintenance man C to instrument maintenance man B.

Kanawha River Plant

L. F. PEAL from laborer to utility operator.

Logan-Williamson Division

HAROLD S. TRUSSELL from instrumentman to engineering aide.

Lynchburg Division

L. W. MEEKS from lineman helper to lineman C.

Philip Sporn Plant

ELTON G. CLEVENGER from utility operator to auxiliary equipment operator; KENNETH E. MATSON from utility man A to utility operator; ROBERT L. PAYNE from utility operator to auxiliary equipment operator; CHARLES P. KING from auxiliary equipment operator to equipment operator; GEORGE H. HESSON from utility man A to material clerk; DENNIS T. BRILES from utility man A to utility operator; GEORGE L. WRIGHT from material clerk to master maintenance man; JAMES P. KEEFER from material clerk to results helper; BILLY L. THOMAS from auxiliary equipment operator to results helper.

Roanoke Division

C. W. BROWN from station man C to station man B; M. L. CROFT from general clerk, senior, to assistant credit supervisor; HELEN L. DALTON from PBX operator, senior, to contract clerk, senior; LEE ROY SPANGLER from general office transportation clerk, system transportation department to PBX operator, senior, Roanoke division.

Kentucky Power Company

Big Sandy Plant

COLONEL C. CLINE from yard helper to coal equipment operator; JIMMIE H. RATCLIFFE from utility man A to utility operator; RAYMOND R. STEIN from yard helper to maintenance helper; GALE D. FYFFE from utility man B to yard helper.

Old Mill Still Runs - With Electricity

A fascinating glimpse into the past is an old mill, its wheel grinding out corn meal and buckwheat flour, a brisk running stream beside it, cheerfully gurgling along.

That picturesque scene, almost forgotten, has been recreated near Meadows of Dan, in the Roanoke division. The name of the place is Cockram's Mill, originally built in 1884, and restored in 1964 by S. H. Mitchell. This is the same S. H. Mitchell, president of a trucking firm, who developed the Circle M zoo about three miles from the mill, complete with zebra and buffalo.

Yet, what isn't known is that underneath the old mill are big electric motors designed to turn the shaft in the event of low water in the pond. Thus, it is the world's only old-fashioned, all-electric mill.

The mill is backed up against a steep mountain side on the Dan River. In the old days it used to grind rye, buckwheat, corn and wheat for local residents. It was in use in the 1920's and 30's by W. A. Cockram, and gradually fell into disrepair. Mr. Mitchell bought it in 1964 and began the task of restoring it as nearly as possible to its original appearance. At the same time, it was re-made to be as modern as tomorrow—including fluorescent lighting and a 600-amp service entrance.



Cockram's Mill, built in 1884, restored 80 years later, keeps its old charms and adds a modern convenience—electricity.

The mill still turns out for sale its old products, still under the direction of a Cockram. This one is L. M. Cockram, a kinsman of the man for whom the place was named.

Also part of the old charm of the place is a country store being built on the shores of the half-mile long mill pond. A treat to the youngsters—and adults, too, for that matter—

who have never shopped in anything but a supermarket, the old store when completed will sell loose crackers, bulk cheese, grits, and all of the product line found in the old days.

And one more thing. A side-wheeler river boat, forty feet long, will carry visitors on a mile-long trip up the pond and back.

Big Sandy Men Moved, Promoted

Two Big Sandy plant men have been transferred and a third has been promoted.

M. L. Gasparovic, plant performance supervisor, and William L. Varney, yard foreman, have moved to the same jobs at Cardinal plant, effective immediately, and Robert G. Elliott has been named yard foreman at Big Sandy to succeed Mr. Varney.

Mr. Gasparovic joined the system at Tidd plant in 1949 as test engineer, and worked later as assistant results engineer and results engineer before he was transferred to Big Sandy in 1962. A graduate of the University of Pittsburgh in mechanical engineering, he served in the Navy during the second World War. He is a registered professional engineer in Kentucky, and is a member of the American Society of Mechanical Engineers. He and his wife have moved to Steubenville, Ohio.

Mr. Varney is now working at his fourth plant since he joined the



Mr. Elliott Mr. Varney

AEP system in 1950. He worked at Tanners Creek and Kammer before moving to Big Sandy in 1962 as yard foreman. He is married and has six children. In Louisa he was involved in many civic activities, including Little League baseball. He will move his family to the Brilliant, Ohio, area at the end of the school year.

Mr. Elliott's career started at Glen Lyn plant, where he was laborer, and later coal and ash equipment operator. He was transferred to Big Sandy in 1962 as coal equipment operator. He is married, has one child, and lives in Ashland.

Spangler Named To Personnel Job

C. L. Spangler has been named personnel supervisor at Glen Lyn plant, succeeding the late C. E. Jones. Mr. Spangler formerly served as the plant's safety supervisor.

Mr. Spangler joined the company at Glen Lyn in 1942 as laborer, and except for Navy service from 1943 to 1946, has spent his entire career there. After his return he worked as clerk, record clerk, and results clerk before he was made safety supervisor in 1957.

He is president of the Peterstown Rotary Club, and a member of the board of deacons of Peterstown Baptist Church. He is married and is the father of a son and a daughter.

C. I. Dixon, Retiree, Dies At Home



Mr. Dixon

Cecil I. Dixon, retired Roanoke division meter reader, died at home May 14.

Mr. Dixon began his company service May 21, 1942 in the Roanoke division, and spent his career in the meter department. He retired in September 1964.

He was a member of the Roanoke's Belmont Methodist Church. He is survived by his widow, a son, and a granddaughter.

The funeral was held May 17, and burial took place in Evergreen Cemetery.



Mr. Collins

Collins Retires At Glen Lyn Plant

William M. Collins, maintenance man at Glen Lyn plant retired May 1, with more than 23 years of Appalachian service.

Mr. Collins began his career with Appalachian November 11, 1941 as a laborer, and worked as mechanic helper, mechanic maintenance helper and maintenance man.

He is married and resides at Glen Lyn, Virginia with his wife.

Mr. Collins is interested in antiques and he and his wife attend the antique sales in this area.

Chamber Chooses White As President

James B. White, manager of the Fieldale area of the Roanoke division, has been elected president of the Martinsville-Henry County Chamber of Commerce for the year beginning next month.

He has previously served the organization as a board member, and during the past year as vice president of the communities development division. Mr. White also was recently elected president of the United Fund for Martinsville and Henry County, and is a director of the local industrial development foundation.

Mr. White is a graduate of Virginia Polytechnic Institute, and a registered professional engineer in Virginia. He was assistant manager in the Abingdon division before coming to Fieldale as manager in 1963.

Mr. White is a graduate of Virginia Polytechnic Institute, and a registered professional engineer in Virginia. He was assistant manager in the Abingdon division before coming to Fieldale as manager in 1963.

Retiree Group To Have Meetings

Meetings are being scheduled in each division for retired employees of the company, under the auspices of the newly-formed Appalachian Retirement Association.

C. W. Lovell of Charleston, president of the association, and the other officers have requested division managers to call meetings in their divisions, issuing invitations to all retired employees. At these meetings, work to complete the organization of the association at the division level would be done.

Mr. Lovell says it is hoped that all retired employees who are interested will attend so that officers can get an idea of the interest of the retirees, what they would expect from the organization and how they desire the association to be set up.

Mr. Lovell also said that one of the benefits from the association would be that retired employees will be kept informed on such things as Medicare, company growth and development, hospitalization, all electric living, and other subjects.

Spray Methods Told In Article

Delbert F. Boggess, Charleston line inspector, was the author of "Localized Right-of-way Spraying Reduces Complaints" which appeared in the April issue of "Electric Light and Power."

Mr. Boggess explained the difficulty, in recent years, which pilots of helicopters engaged in spraying, had in determining the limits of application.

Under the new procedure, a small crew, with a marked map, goes out to broadcast spray certain areas. They spray 100 to 150 feet on each side of a garden and 50 to 75 feet on each side of trees; also those spans that are very near houses. This is done during the dormant season, and the dead brush marks the areas plainly for the helicopter pilot to see when spraying the next summer. This method has prevented overspraying.

Hazard Stages Space-Age Living Exhibit

A space-age living exhibit, one of the biggest of its kind ever staged by Kentucky Power Company packed the customers in the Hazard office auditorium last month.

Electric applications of all kinds, from the electric toothbrush to the electric mobile home were featured, all supplied for the exhibit by local dealers.

Attendance estimates ran to nearly 2,000 persons. During the week-long promotion, 1,243 customers registered for the daily door

prize, and substantial numbers of visitors also recorded their interest in new electric appliances.

Prospects thus turned up included 184 for electric ranges, 180 for clothes dryers, 123 for washers, 106 for refrigerators, 83 for air conditioners, 81 for freezers, 52 for water heaters, 51 for electric heat, 49 for dishwashers, and eight for garbage disposers.

Even the electric mobile home figured in the prospects. The local dealer who supplied the unit for the exhibit said that he sold seven,

including the one on display. That one was bought by a power company employee and moved directly to his property.

Although it was not planned to sell items from the display, a range, a set of electric logs, a portable dishwasher, and a water heater were sold to persons attending the exhibit.

The entire event was well-publicized, including a 30-minute television program. Commercial department employees were present during the week to explain the appliances and their uses.



Pat and Allen Cline left, were responsible for the attractive and effective display signs used in Hazard's Space-Age Living exhibit. Mr. Cline is division super-

vising engineer. At right, the exhibit continued outdoors as well. This total-electric mobile home was one of seven sold during the week-long show.