

By 1980: Half-Million Electric Homes, 12,000 KWH Average Usage, Says Cook

Over 500,000 customers of the American Electric Power System will be living in all-electric homes before 1980.

This was the prediction of Donald C. Cook, president of American Electric Power Company and of our companies in addressing 300 members of AEP management at their annual three-day meeting November 6-8 in Roanoke.

In projecting the growth and progress to be experienced by the nation's economy over the decades of the 1960's and 1970's and particularly that of the seven-state territory served by the AEP System, Cook simultaneously projected the advances the System will have to make during the same period to remain well ahead of the area's growing needs for electric service.

Half a million all-electric homes on the AEP System by 1980 is in contrast to 34,000 on AEP lines at the beginning of 1963. They will be a major factor in raising the

average annual residential usage of electricity to 12,000 kilowatt-hours by 1980 from 4,700 kwh, the level at which the current year started.

Growth by 1980

He predicted that this tremendous growth in popularity of the all-electric home, coupled with all of the other demands for electric energy that will be present by 1980—some of them completely unforeseen today—will require an electric utility system over three times the size of today's AEP System, which is already the world's largest investor-owned supplier of electric energy.

Cook foresaw for 1980 a generating capability of 21-million kilowatts, compared with today's capacity of 7-million kw. In addition to the 14-million kw of electric energy capacity that will have to be built in the next 17 years, the AEP System also will construct an estimated 4,100 circuit miles of high-voltage transmission lines to reinforce and extend the present 8,100-mile transmission network. Included in this construction, he revealed, will be approximately 325 miles of 700,000-volt transmission lines—lines operating at twice the voltage and with roughly seven times the load-carrying capacity of the highest-voltage power lines on the AEP System today.

Capacity Ahead of Need

Cook pointed out that AEP today owns power plant sites capable of supporting over 26-million kw of generating capacity—more than 5-million kw in excess of the estimated 1980 needs. These sites, he con-

tinued, include not only undeveloped tracts at five different locations throughout the System but also sites at existing plants that will support major expansion.

In his address, President Cook also reviewed recent developments in Washington which he put under the label of "the continuing encroachment of the Federal govern-

(Continued on page 7)

Wheeling Host To Management Meeting In '64

The 17th annual Management Meeting of the American Electric Power System will be held in Wheeling, W. Va. on November 10-12 next year.

Selection of Wheeling for the 1964 meeting was announced today by Donald C. Cook, president of American Electric Power Company and of this company. Wheeling Electric Company will be the host.

Approximately 300 officers, managers and other supervisory personnel of the AEP System companies will participate. The general business sessions will be conducted in Glessner Auditorium at Oglebay Park's Wilson Lodge.

The AEP Management Meeting was held at Oglebay Park for a much smaller group in 1948. In the interim, it has been hosted by six other cities: Roanoke, Va.; Canton, Ohio; Fort Wayne, Ind.; Huntington, W. Va.; Atlantic City, N. J., and New York City.



President Donald C. Cook answers a question at a Roanoke press conference during the management meeting. Joe P. Gills, Appalachian vice president and general manager is at left. (Roanoke Times photo.)

Record Number To Take Exams For AEP Awards

The largest number of contestants yet, 178, will take the competitive examination December 7 for the 15 grants of \$750 each to be awarded in the 1964 American Electric Power System Educational Award Program.

The 1964 awards will bring total System contributions to \$57,650, the total of contestants to 1,244, and the number of awards to 105.

Of the 178 students taking the December 7 exam, 107 were boys. Ohio Power Company sponsored the largest number of contestants, 67, with 40 of those in the male category.

Appalachian Power Company was represented by 33 boys and 21 girls and Indiana & Michigan Electric Company, 11 boys and nine girls. Five boys and four girls represented Kentucky Power Company, and eight boys and three girls, the Service Corporation.

Wheeling Electric Company employees entered four sons and two daughters in the program, and Kingsport Utilities, three boys and two girls. The balance of the AEP System companies were represented by six evenly-divided contestants.



Among the approximately 300 members of management attending the meeting were C. J. Bryan, assistant general manager, Kingsport Utilities; Rufus Thomas, industrial development representative, Kentucky Power, and O. C. Hall, Point Pleasant district manager, Appalachian.

AEP Meeting Heard Six Men From Our Companies Speak

Six speakers from the southern properties covered important aspects of the AEP System's business during the Management Meeting in Roanoke last month.

Joe P. Gills, vice president and general manager of Appalachian Power Company, welcomed the 300-man group to Roanoke for the second consecutive year and spoke of the city's history and its outlook for the future.

G. South Dunn, public relations director for Appalachian, addressed the group on the subject, "Doing Business with Our Customers." Jack Lloyd, area development director for Appalachian, spoke on the topic, "Area Development Is Good Public Relations."

In the sales portion of the program, J. M. Wood, general heating sales supervisor, Kentucky Power Company, detailed methods

of helping realtors sell total-electric homes; and M. C. Simpson, Kingsport Utilities' commercial manager, took part in a three-man dramatization, complete with jazz band, that outlined the system's cooperative sales program with appliance manufacturers, distributors and dealers. H. K. Shabdue, heating and building sales coordinator in the Charleston division, related ways of selling home development builders on the total-electric concept.

Construction Begun On Cardinal Generating Plant

Fifty distinguished leaders of government and the electric power industry in Ohio, in a mass shoveling ceremony, broke ground for the historic Cardinal Plant at Brilliant, Ohio on November 4.

Cardinal, which will have an initial generating capacity of 1,230,000 kilowatts, will be jointly owned by Ohio Power Company of the American Electric Power System and by Buckeye Power, Inc., subsidiary of Ohio's 30 Rural Electric Cooperatives.

Approximately 700 witnessed the ceremony, during which the project was characterized as "an outstanding industrial and technological achievement that will make a great contribution to the welfare of Ohio and its people and, indeed, to the nation." These were the words of the keynote speaker, Philip Sporn, chairman of the System Development Committee of AEP and retired president of AEP and of our Companies.

Sporn was preceded at the speaker's stand by a parade of nationally known dignitaries, in-

cluding U. S. Representative Frank T. Bow; Clyde T. Ellis, general manager of the National Rural Electric Cooperative Association; Murray D. Lincoln, one of the pioneers in the rural electrification movement; Owen T. Manning, president of Buckeye Power; and Donald C. Cook, president of AEP and of our Companies.

A. N. Prentice, vice president and general manager of Ohio Power, was master of ceremonies and explained that there were many reasons why the Brilliant site adjacent to the Company's Tidd Plant was chosen. Foremost among these, he said, were the availability of coal and water, a favorable local tax structure, and the cooperation of public officials.

Among the 50 government, business and utility leaders who took part in the mass groundbreaking, in addition to those previously mentioned, were the presidents of the Ohio co-ops, officials of the state's investor-owned utilities, members of the Public Utilities Commission of Ohio, members of

the State Legislature, and area public officials.

Of significance in the ceremony was the fact that it signaled the start of construction of the nation's first major electric generating facility that will be jointly owned by an investor-owned utility and member-owned electric cooperatives. Of perhaps greater significance is the fact that the entire project will be financed entirely by the funds obtained from the private capital market.

Transmission

That part of Cardinal's energy earmarked for customers of the 30 co-ops throughout Ohio will be transmitted, under contract, to the co-ops' load centers via the transmission systems of six of Ohio's principal utilities. They are, in addition to Ohio Power: The Cincinnati Gas & Electric Company, Columbus and Southern Ohio Electric Company, The Dayton Power and Light Company, Marietta Electric Company, and the Toledo Edison Company.

Sporn, chief architect of the concept of a jointly owned power plant, described Cardinal as "a prime example of the ability of an investor-owned utility and member-owned co-ops to overcome very difficult differences and to work together to achieve new solutions to difficult situations created over long periods of time."

He said, "The great achievement lies in the ability of the participants to look to the future for solution rather than to the past and, while not disregarding their individual interests, to permit concern for the interest of the public at large to override all the differences and difficulties in the path of agreement."

"This," Sporn concluded, "will be the criterion by which this project will eventually be judged and it is on the basis of meeting this test that it will either be emulated or will be merely an isolated example to be ignored in the future. If, as I hope and believe, it will be the former, it will, I think, be an outstanding

example of what is sometimes referred to as industrial statesmanship. Indeed, I believe the characterization of the scope of the achievement might be broadened and might, with full propriety, be termed an example of social-economic statesmanship by the two business groups involved."

NRECA General Manager Ellis, in his remarks, termed the occasion "an historic day" and congratulated Ohio Power and Buckeye Power "for the constructive spirit which has made this venture possible."

"You have taken a unique set of circumstances which exists in this state and through a combination of effort, good will and enlightened self-interest you have fashioned a project which is bright with promise for all parties," he said. "I earnestly hope that this promise will be realized. Nothing would please me more than for this effort to become a symbol to all types of power suppliers everywhere of the benefits of realistic cooperation."

Sporn, Cook Comment On Cardinal Plant's Significance

The new Cardinal Plant (see Page 1) will be the largest generating station on the American Electric Power System and in the state of Ohio when it is completed in 1966. It will be one of the world's most efficient power producers. It will cost an estimated \$125-million. The turbine-generator for each of its two 615,000-kilowatt units will be 200 feet long, the largest single-shaft machines ever built. And the plant will burn over 3-million tons of coal a year.

Cardinal will be an historic plant. Its significance is discussed below by Donald C. Cook, president of AEP, and by Philip Sporn, chairman of the AEP System Development Committee. Cook's discussion represents his remarks at the Cardinal Plant announcement press conference at Columbus, Ohio on October 28; Sporn's discussion is a digest of his discussion of the plant at the Management Meeting in Roanoke on November 6.

by Donald C. Cook

When the history of the electric utility industry in the United States is written and the chapter on relations between the investor-owned companies and the electric cooperatives prepared, the event which we are jointly announcing today will surely be described as a landmark. Certainly this will be the case in the state of Ohio. And it is fair to assume that the pattern set here in Ohio is very likely to be followed in other states as well.

The decision on the part of Ohio Power Company and the Ohio electric cooperatives to build a jointly owned power plant, to be financed without the use of any Government funds, and the decision on the part of the participating electric utilities supplying power to cooperatives in Ohio to make their transmission systems available to carry power from the cooperatives' generating facilities to their load centers will, I believe, come to be regarded as the end product of the convergence of a number of growing forces that needed only an atmosphere of mutual understanding, trust and good will—accompanied by a great deal of study and much patient negotiation—to produce a logical and beneficent resolution.

Large Units

From a technical viewpoint, it has long been clear that large generating units and high-voltage transmission facilities, both utilizing the most advanced technology, are indispensable to the highly economical production and delivery of power.

From an economic viewpoint, it has always been a universally recognized principle that duplication of public utility facilities was uneconomic, wasteful and detrimental to the interests of consumers, investors and the general public interest.

From a management viewpoint, there has been the maturing understanding, on the one hand, that the electric cooperatives are here to stay and that with the continued development of their systems they need to take their place as a permanent and integrated part of the electric utility industry of the United States, and, on the other hand, that it is in the best interests of the cooperatives to work with—and not against—the investor-owned utilities.

From a political viewpoint, there has been a growing realization of the basic economics of investor-owned, cooperative-owned and government-owned power systems, including particularly a recognition of the vast amounts of capital required to finance utility facilities and the resulting impact on the Federal treasury when the cost of facilities is reflected in the budget, tax structure and public debt of the Federal Government.

Interests Guide Program

It has not been enough merely to know these things—to recognize these forces. But now that the patient discussions in the presence of the catalyst of understanding, trust and good will have done their work, conflicting interests and aspirations have been harmonized, mutual rights have been respected and accommodated, and the interests of consumers, investors and the public have been advanced by allowing these interests to guide the main lines of the plant and program.

From this day forward the electric utility industry in the state of Ohio will be following



Report Award

Donald C. Cook, left, accepts the fifth "Silver Oscar" awarded to American Electric Power Company in the past seven years for publishing the best 1962 annual report of any utility company in the nation. Richard J. Anderson, publisher of Financial World magazine, which sponsors the annual judging, presents the Oscar

a course determined by a new compass setting, and this course is filled with promise not only for Ohio but for the rest of the country as well.

by Philip Sporn

After passage of the 1936 Rural Electrification Administration Act, the rural electric cooperatives began to spring up in Ohio almost immediately. We made the first delivery of electric energy to a co-op in Ohio in 1938; today, we are serving 15 cooperatives in the state and supplying some 55% of all the cooperative energy in the state.

Until 1949, all the cooperative contracts were on a one-year basis and they were regularly extended, with the rates gradually reduced from about 12 mills per kilowatt-hour to approximately 9.5 mills. In 1949, we signed a five-year contract at a much lower rate, about 7.9 mills, but this did not stabilize matters. Two years later, in 1951, we signed a new five-year contract and here again we cut the rate to about 7.5 mills.

In 1954, three years later, we extended the contract of 1951 another five years, to 1959, and included a more favorable fuel clause. In 1958, we signed a contract for 10 years. But we paid a price for that: a reduction of about 3%.

But, again, this did not settle matters. A year later, in 1959, Buckeye Power, Inc. was organized by the Ohio co-ops. Between 1959 and 1961—i. e., starting only a year after we signed a 10-year contract—Buckeye Power carried on an extensive study of the possibility of constructing its own generation and transmission facilities.

Now, why were they doing that? We thought they had an excellent 10-year contract. Also, the other utilities in the state followed our lead and, except for the fuel differential, gave the co-ops they served the same kind of contract.

Fact and Agitation

There were some reasons. The reasons were a mixture of what I would call fact and agitation, but the major motivating force behind the generation and transmission studies was the fact that we were never quite able to satisfy the co-ops—and this has been true all along—that they had an assured power supply and that it was secure.

We offered 15-year and 25-year contracts. But Buckeye Power and the co-ops wanted to receive recognition as utility suppliers. They were growing up. Also, they were subject to continuous agitation by public power people. And they had the example of others in several contiguous states—Wisconsin, Michigan, Minnesota—where the co-ops were receiving generation and transmission loans from the REA at 2% interest. Whether they were bettering themselves or not is neither here nor there.

In June 1961, a representative of Buckeye Power called on us in New York to discuss the need of an alternate approach to generation and transmission plans being considered by the Ohio co-ops. We promised to think about it and contact him. And we kept our promise.

In February 1962, we met with a large group of the Buckeye people in New York. They presented their problem. We particularly explored the idea of assurance of supply and gave them some of our experience with contracts up to 50 years, and offered to give them 20, 25, 30, 50-year contracts. There was no interest whatever. Buckeye Power took the position that the time had come when the co-ops were going to generate their own power and, if they had to go to a generation and transmission loan, they were going to do it.

There was no question about that and we believed it. So, it was then that we made a commitment to undertake a study. We expected that it would take some time and we promised we would have it completed by July 1962.

We first presented our plan to the other six Ohio utilities serving rural electric co-ops, and we didn't do it in a routine manner. We took a great deal of time with the heads of these companies to present the idea.

Thrilling Reception

Following that, in August 1962, we presented our plan to Buckeye and it received a most thrilling reception, no question about it. They were intrigued with the idea and with what might be accomplished. But we indicated there were a great many problems still to be worked out and, if they liked the idea, we would be ready to start negotiation around the basic concept.

We have been negotiating ever since—for 15 months, and we haven't quite completed these negotiations. But, in their course, we established many historic monuments—monuments in the surveying sense.

For example, the question of financing. In the very first negotiating meeting, we tried to develop the idea of financing in the market place, not at public expense, not from REA with money at 2% interest. We explained the philosophy by which we live: that we are carrying on a public business, that we are a private enterprise, highly regulated, but we are living, or have to live, so that we can go into the market place, to the public, and get our capital. And that capital had a price.

We also pointed out that the co-ops were able, by law, to obtain their capital at a small fraction of the cost that we could, but not the true cost. We further pointed out that, if they were planning to finance their part of the project with 2% REA money, it would be utterly impossible for us to go into partnership with them.

Full Understanding

This was just one of the many points that we had to get into. We talked without rancor, without bitterness, with restraint, with consideration, but with the full understanding of all the implications of such a joint undertaking.

We went into many other important phases, some of which we haven't settled, yet. But we have executed memorandums of understanding with Buckeye Power and with all the other utilities supplying the co-ops except one, and we have not given up the idea that it, too, will join us.

On October 28, we had a press conference at Columbus and it was a very interesting and, I think, exciting affair. There were present a great many people important in the life of Ohio: the governor, members of the Public Utilities Commission, bankers and a good press representation.

On November 4, we broke ground. I think this, too, was a very exciting affair.

* * *

This is the historic background. Now let me try and answer three basic questions:

Why Are We Doing This?

We have been living with the co-ops in Ohio for 25 years. In that period we believe we have done a great job for them as power suppliers. We have differed with them and we have helped them—and they have given us public testimonials to that effect.

The co-ops are an exemplification of a socio-economic need that arose, not only in Ohio, but throughout the country, to which the investor-owned utility industry did not respond. We believe they are here to stay, but we also believe that this is a good time and an opportunity to try to solve this problem in terms of the future and not in terms of the past.

What Are We Doing?

We are building the 1,230,000-kilowatt Cardinal Plant. It will have two 615,000-kw units, the most efficient in the state of Ohio. We will own one; Buckeye, the other. We'll finance ours; they'll finance theirs. We'll finance ours in our standard way; they will finance theirs with about 15% equity, which the co-ops have paid in to Buckeye, and the balance will be obtained in the public market place.

By the time the Buckeye unit comes on the line, the co-ops will have an estimated demand of 300,000 kw. We will purchase their surplus capacity at their cost. And we can accept this capacity because it will have been financed in the public market place, but we could not have accepted it had it been financed with 2% money. If it's all right to take 300,000 kw at 2% from the government, why not 3,000,000 kw?

The power will be delivered into the Ohio Power transmission system. It will then be delivered to the co-ops we serve and, through the systems of the cooperating utilities, to the other Ohio co-ops. For this service, the co-ops will pay a rental charge.

Cardinal Plant will be operated by an operating company which will be jointly owned, although the plant's two units will be separately owned. We are making provisions for a third unit, which will either be one of theirs or one of ours, or will be jointly owned. But the plant definitely is slated to become a 2,000,000-kw plant.

What Are We Accomplishing?

Please remember that we have not yet executed a contract, but I believe one will be executed. When we do, I think we will have accomplished quite a few things:

1. We will have removed the threat of unnecessary duplication of generation and transmission facilities in Ohio, financed on 2% taxless money, and all that goes with it.
2. We will have on our own system a highly economical and highly efficient power plant. It will be more economical because of joint construction and operation.
3. We will bring our transmission system into more effective use.
4. And we will have made it possible for the co-ops to start to become full-fledged utilities, if this is what they prefer. This will mean not only financing their plants with private funds but eventually their transmission and distribution facilities, too. And as they assume some of the other obligations of full-fledged utilities, they will get other benefits. This will benefit not only the rural electric cooperatives, but the other utilities in the state as well and all the state's electric consumers.

At Christmas

Two years ago, at Christmas, we published excerpts from a 16th century letter as our message for the holy season. Its calm strength and gentleness make it appropriate again.

I am your friend, the letter goes, and my love for you goes deep. There is nothing I can give you which you have not got; but there is much, very much, that, while I cannot give it, you can take. No heaven can come to us unless our hearts find rest in today. Take Heaven! No peace lies in the future which is not hidden in the present little instant. Take Peace!

The gloom of the world is but a shadow. Behind it yet within our reach is Joy. There is radiance and glory in the darkness, could we but see—and to see we have only to look. I beseech you to look.

Life is so generous a giver, but we, judging its gifts by their covering, cast them away as ugly or heavy or hard. Remove the covering and you will find beneath it a live splendour, woven of love, by wisdom, with power. Welcome it, grasp it, and you touch the Angel's hand that brings it to you. Everything we call a trial, a sorrow, or a duty, believe me, that Angel's hand is there; the gift is there, and the wonder of an overshadowing Presence. Our joys too; be not content with them as Joys. They, too, conceal diviner gifts.

Life is so full of Meaning and Purpose, so full of Beauty—beneath its covering—that you will find earth but cloaks your heaven. Courage then to claim it; that is all! But courage you have; and the knowledge that we are pilgrims together, wending, through unknown country, home.

And so, at this Christmas time, I greet you. Not quite as the world sends greetings, but with profound esteem and with the prayer that for you now and forever, the day breaks, and the shadows flee away.

The Illuminator

Published monthly for employees of Appalachian Power Company, Kentucky Power Company and Kingsport Utilities, Inc., and their families. Articles herein may be reproduced.

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Mr. Fulcher Mr. Hannah Mr. Johnson Mr. Hartman

Eight Appalachian Employees Mark Service Milestones in November

Eight men marked anniversaries of long service in the electric utility industry last month, three with 40 years and five with 35.

Jesse S. Carter

Marking 40 years of service last month was the first man to be placed on the Clinch River plant payroll, Jesse S. Carter. This was in 1956, when he was named administrative assistant to the resident engineer. He first saw service with the old Appalachian Power Company in Bluefield in November 1922, and shortly afterward took time out for study at the Coyne Electrical School. He returned to Appalachian duty in November 1923 as a lineman. He spent much of his service in the old Clinch Valley district, working as local representative and area serviceman. In 1956 he moved to Clinch River, where he is administrative assistant. Mr. Carter and his wife have one son and a granddaughter.

James L. Ferris

Also celebrating 40 years of company service, James L. Ferris, station man in Roanoke, joined the company in November 1923. He has worked as groundman, truck driver, lineman and general serviceman. He is active in the work of Roanoke's First Christian Church, where he is an elder and Sunday School teacher, and was formerly Sunday School superintendent. Mr. Ferris also teaches a Sunday School class at Mercy House and is in charge of the weekly prayer meeting there. He is past president of the Roanoke County Council of Religious Education, and past presi-

Jesse Brown, Pulaski, Retires

Jesse Franklin Brown, truck driver-groundman in the Pulaski District, elected early retirement November 1 because of permanent disability. He had 26 years of service.

Mr. Brown was employed by the company in August 1937, as a laborer. He worked as a groundman and since 1949 had been truck-driver-groundman.

This native Pulaskian, before his illness, has been long interested in hunting, fishing, woodworking, and farming. A member of the Presbyterian Church, he is married and has two sons.



Mr. Brown

dent of the South Salem PTA. He has three children and seven grandchildren.

Henry J. Grimm

The third 40-year man last month is Henry J. Grimm, head T&D clerk in Charleston. He started out in 1923 as a timekeeper, and worked in various capacities since then, but all of his service has been in the T&D department. Recently he was one of three employees selected to receive a safety award on behalf of all Charleston employees. He has worked his 40 years without a disabling injury.

Jack Akers

Jack Akers, Williamson district station foreman, joined Appalachian in November 1928, and completed 35 years of service last month. He has worked as janitor, electrician helper, and maintenance man, and was promoted to station foreman in April 1951. He was born and educated in Kentucky, and is active in the Masons. Mr. Akers is married and lists hunting and fishing as his hobbies.

Leonard A. Fulcher

In Roanoke, Leonard A. Fulcher, division dealer sales coordinator, also marked his 35th anniversary of company service. Mr. Fulcher started out as meter reader in November 1928; he worked later in local accounting, and moved to commercial department in 1941. In that department he has been junior power sales engineer, power sales engineer, district power sales supervisor, district rural and residential sales supervisor, and since 1961, division dealer sales coordinator. He is a member of Greene Memorial Methodist Church, and of its Men's Club. He has two children and five grandchildren.

Arnold V. Hannah

Starting his Appalachian career 35 years ago as laborer at Logan plant, Arnold V. Hannah spent most of his career there in various jobs until the plant was retired in 1961. At that time he was transferred to the system operating department as system station supervisor, and presently is located at Roanoke station. He is married and is the father of four girls and one boy, and has nine grandchildren. His spare time is spent trying to improve his fishing abilities.

W. L. Johnson

W. L. Johnson has spent all his 35 years of company service at Cabin Creek plant.

He started there in 1928 as filter operator, and is now control operator. He is a native West Virginian, and he and his wife make their home in Cabin Creek. They have one son, presently in military service; and Mr. Johnson's hobbies are hunting, fishing, and home improvement.

L. C. Hartman

Cabin Creek plant's supervisor of operation, L. C. Hartman, started work for Appalachian at the plant 35 years ago. He worked as filter operator, boiler operator, assistant shift supervisor, and supervising engineer before he was promoted to his present job in 1954. He was born at Marmet, and lives there with his wife. They have four children and seven grandchildren. He enjoys hunting and fishing.

No Pleasure

Odd Hours, Discomfort Part Of Key's Hobby

Everyone who has a hobby looks forward to enjoyment, pleasure, pride, and satisfaction. Woodrow Key, Lynchburg meter serviceman, is different. He gets absolutely no pleasure or enjoyment from his hobby, but he does get a feeling of pride and satisfaction of a job well done.

That's because his hobby is fire fighting, and he is assistant fire chief of the Lyndan Heights Volunteer Fire Department, one of seven departments in Campbell County.

He became a volunteer fire fighter almost by accident. Before 1960, the City of Lynchburg fire department took care of the fire calls within the county area adjacent to the city limits, but on January 1, 1960 the city fire department discontinued this practice. The people in the Lyndan Heights area saw the need for protection and organized their fire department on a volunteer basis. On July 1, 1960 a charter was granted for a 30-man volunteer fire department. The Board of Supervisors of Campbell County donated \$2,000 for equipment and the department purchased a 500 gallon pump truck from government surplus for \$500. Later on they purchased a second truck, a 1,300 gallon capacity tank truck. The men did not have a fire house so the equipment was stored in a shed belonging to a local furniture manufacturing plant.

Equipment and Personnel

Mr. Key commented, "There are two things every fire department needs—adequate equipment and trained personnel. The equipment can be bought and, of course,



Woodrow Key, Lynchburg meter serviceman, poses with the equipment needed to practice his hobby.

that takes money. Each year we receive \$2,000 from the county. The other money is in the form of donations from the citizens in our area and in sponsoring fairs, circuses and any other way we can think of. Each man receives a minimum of 30 hours training each year in up-to-date methods of fire control. A properly trained man is worth two untrained men. I feel a responsibility to the department and to my neighbors and I attend a fire school each year."

From its founding date of July 1, 1960 up to October 1, 1963 the volunteers have answered 195 calls. Only two of these calls were false alarms. The department has never received a call that went unanswered. The average time spent fighting a fire is two hours, the shortest length of time 20 minutes and the longest six hours. Each truck has been driven 8,000 miles, and the gasoline bill averages \$100 per month. Insurance is carried on the trucks and men. The uniforms are purchased and paid for by the men personally.

All Hours

Said Mr. Key: "I have gotten out of bed at all hours of the night to answer alarms. Snow, ice, rain or fair, it makes no difference; we have a duty and an obligation to perform and when we are called, we go. When we get to the fire and we're able to save a home, no amount of thanks is as rewarding as that inner feeling that shapes up inside of you. Most of our fires are houses, a few are brush and some are automobile fires. A couple of years ago we answered a call that a Trailway bus was on fire. We put out the fire and found out that the bus was bringing the Los Angeles Dodgers ball club from spring training. If we had not gotten there who knows, maybe some other club would have won the 1963 World Series."

History is rather vague as to the first volunteer department, but the first one in Lynchburg was organized in 1810. Its equipment consisted of a hand drawn wooden pumper and hose-wagon combination. They had one 60-foot hose and wells were the only sources of water. If the streets were muddy the fireman had a terrible time getting to the fire. Shortly after 1810 the present Lynchburg Court House was constructed. On top of the court house a cupola was built. The city employed two fire watchers, one for day and one for night to man the cupola and be on the

alert for fires. If a fire was detected the watcher would beat on a large bell with a metal hammer. This would rouse the firemen, and everyone else as well.

Mr. Key and his fellow volunteers may not like to follow their hobby, but they're always ready to give their best in protecting life and property of their neighbors.



Mr. Fiscus

Joe Fiscus Takes Early Retirement

Jewell W. "Joe" Fiscus, veteran employee in the Huntington district, took early retirement due to physical disability effective November 1.

Joe joined the company on February 8, 1937 as a meterman. He has worked as a district serviceman, local representative, appliance serviceman, and served in the building service department prior to retirement.

Before his employment with Appalachian, he attended Depauw University, worked for the Postal Telegraph Company in Cleveland, Ohio and the Columbus Railway Power and Light Company of Columbus, Ohio.

Mr. Fiscus is a widower and has no children. He plans to spend his retirement back in his native Indiana, where his many friends may write him at P. O. Box 103, Jamestown, Indiana.



Mr. Parsons

Heart Attack Fatal To R. L. Parsons

A heart attack suffered November 13 at his home took the life of Robert L. Parsons, 33, unit foreman at Philip Sporn plant. Mr. Parsons had been absent from work due to illness for some time.

Mr. Parsons was first employed at the Philip Sporn plant as a coal handler May 5, 1949 and later became an auxiliary equipment operator. He was granted leave for military service January 15, 1951, served four years in the U. S. Air Force, and was discharged as staff sergeant. He returned to his auxiliary equipment operator job in January, 1955, was later promoted to assistant control operator, and assumed his present position of unit foreman October 1, 1957.

He is survived by his wife, Zilpha Sue; his father, Lawrence, and a brother, William. Funeral services were held at the residence November 16. Interment was in Union Cemetery near New Haven, W. Va.



Appalachian Power Company

Abingdon District

JOHN O. RASNICK from lineman B to station man B.

Bluefield District

LYDIA JANE BEARRE from merchandise bookkeeper, senior, in the Welch accounting department to merchandise bookkeeper, senior, in the Bluefield accounting department.

Cabin Creek Plant

DANA BROWN from laborer to tripper operator; ZOLLA LANHAM from tripper operator to coal conveyor operator; W. R. BROOKS from coal conveyor operator to tractor operator.

Pulaski District

HAZEL L. HAWKINS from general clerk, senior, to pre-audit clerk; BARBARA B. MARSHALL from general clerk to pre-audit clerk.

Roanoke District

D. F. BRUMFIELD from station man helper to station man C; L. F. HOGAN from lineman B to lineman A; P. H. LYNCH from draftsman to instrumentman; M. C. SHORT from instrumentman to engineering aide; D. N. SINK from lineman B to lineman A; J. L. SWORTZEL from groundman to lineman C.

Philip Sporn Plant

RICHARD W. RUSSELL from helper, maintenance, to junior maintenance man; LE-LAND C. BUMGARDNER from junior maintenance man to maintenance man; FRED E. SMITH from auxiliary equipment operator to filter plant operator and sampler; ROBERT M. GILLAND from utility operator to auxiliary equipment operator; MARVIN J. McFARLAND from auxiliary equipment operator to helper; JOHN M. ROTTGEN from utility operator to auxiliary equipment operator; EDGAR M. DORST from laborer to utility operator; WILLIAM H. ANDERSON from laborer to utility operator.

System

BERNARD MULLENS from regional dispatcher to assistant regional chief dispatcher.

Welch District

RICHARD C. BOWMAN from pre-audit clerk, Grundy, to pre-audit clerk, Welch; HENRY E. FARMER from lineman B to meter serviceman A.



Lynchburg

Mr. and Mrs. Saylor S. Gilbert celebrated their 35th wedding anniversary November 2. He is hydro operator at Reusens . . . W. S. White Jr., district manager, was the principal speaker at the annual Nelson County Chamber of Commerce banquet . . . Two Lynchburg Lions, Larry Dougan and Robert Hatch, attended the fall conference of District 24-B in Richmond last month . . . Mrs. Kitty Jessee has been appointed to a committee of the Fort Hill Junior Woman's Club to provide sleeping wear for adults and children. The clothes the committee gathers will be sent to Ecuador aboard the American hospital ship "Hope." . . . Herbert Figg Jr., heating representative, has been elected to the board of the Home Builders Association of Central Virginia.

Fieldale

Work in Girl Scouting has called Mrs. Lois Shelton and Mrs. Maureen Gravely. The two have just assumed leadership duties in Troop 179 . . . Mr. Gravely, engineering aide, himself made news when he became a member of the Red Cross Gallon Club following his recent blood donation . . . The APCO Club entertained employees at a steak dinner last month.

Fieldale employees participated in 100 per cent fashion in United Fund campaign for the third year in a row. B. C. Harlowe and M. B. Pitches were in charge of employee solicitations.

Roanoke

M. G. Covey, division meter engineer, has been elected a director of the Roanoke Bowling Association and a director of the Virginia State Chapter of the International Association of Electrical Inspectors . . . James E. Board is a new employee in the building service department.

System

Cheryl Peters and Susan Saunders are new employees in the system accounting department.

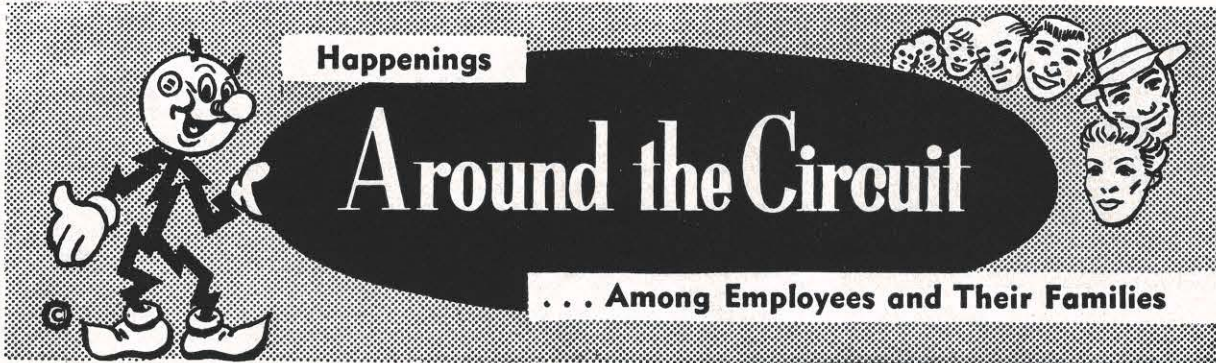


Charleston

Chris Mitchell, stenographer managerial, won second place in the adult division of the Gazette-Mail "Family Circus" cartoon contest. The contest involved coloring cartoons and making up captions, using puns.

Employees taking external cardiac heart massage training recently, under the instruction of John Frazier, were: A. G. Akers, Bob Palmer, Paul Parsons, Clifford Picklesimer, Elmo Thaxton, C. H. Wall, Curt Willis and Jack Wilkinson.

Committees working on the 1963 Christmas parties are: Children's and Teenage Parties Committee: J. R. Lowther, Chairman, H. H. Hutcheson, John Showalter, Pat Cummings, Marjorie Parkins, Hubert Shabdue, R. E. Myers, Ray Walker, Rosalie Ranson, Charlie Walker, Frances Lowe and E. D. Dahmer. On the Invitation Committee are: Jim Musgrave, Chairman, Chris Mitchell, Jackie Maffett, Herb Miller, Pat Taylor and Frances McHenry. Ushers at the adult party will be John Hammer, John Frazier, Paul Parsons, Clifford Picklesimer, Fred Clendenin, Cecil Evans, John Wright and D. R. Huffman. Ticket takers will be Pat Brown, Pat Cummings, Delores McDowell and Frances McHenry. The committee selecting door prizes are: J. D. Porter, chairman, Golda Johnson, Sue Shultz and Joe Williams. Meeting with Bob Lowther and H. H. Hutcheson on Saturday morning, November 16, were teenagers Mary Jo Bonham, Larry Kallmerten, Linda Christy, Rolanda Allen and Keith Hutcheson, sons and daughters of employees, to help the committee with suggestions for the teenage party.



Bonnie Jarrett, commercial stenographer, has resigned.

J. C. Hansbarger, Charleston division manager, and Nick Roomy, area development representative, attended the West Virginia Conference of the President's Appalachian Regional Commission on November 20. Mr. Roomy will also be guest speaker December 10 at the Oak Hill Rotary Club.

C. W. Lovell, assistant Charleston division manager, was elected to the board of directors of the West Virginia Safety Council recently.

Marjorie Parkins, credit clerk, accounting, won two blue ribbons at a recent flower show by the Cliffside Garden Club. Her arrangement of red glads, a crane and a grapevine won best in the class and best in the show, the theme of which was "High Noon."

Point Pleasant

Suzanna and Diane Crump, daughters of J. R. Crump, line foreman, both received blue ribbons at the Mason County 4-H Achievement Banquet. Suzanna received the County Award for Recreation also. Georgia and Marie Fowler, daughters of G. C. Fowler, lineman, received a blue and red ribbon respectively at the banquet. Also winning a red ribbon was Gary Monroe, grandson of Inez F. Monroe, maid.

Vivian Gilmour, daughter of W. C. Gilmour, administrative assistant, was presented a trophy for winning second place in the Teenager's Golf Contest.

G. C. Fowler, lineman, was the lucky winner of a toaster at the Point Pleasant-Matewan football game. The drawing was held at half-time and the proceeds from the sale of tickets went toward building new bleachers, according to W. M. Pancake, senior draftsman, and president of the Big Black Backers Association.

L. C. Bias, district office supervisor, was appointed general chairman of the committee to underwrite \$30,500 for retiring present indebtedness and making needed improvements at Trinity Methodist Church.

Q. H. Wickline, dealer sales representative, was elected deacon of the Point Pleasant Presbyterian Church. His wife recently won a turkey in a drawing for Thanksgiving at Fruth's Pharmacy.

Anita Burnam, daughter of R. L. Burnam, heating and builder sales representative, had a role in the Junior Class Play.

Philip Sporn Plant

Charles D. Yaeger, maintenance foreman, has recently been appointed to represent the Mason Town Council on the Mason Planning and Development Association.

Harold Russell, conveyor operator, was one of the few hunters in Mason County to bag a deer with bow and arrow during the recent season. He killed a 94-pound doe on the Chief Cornstock Preserve.

Mrs. Edwin L. Stein was recently elected president of the Hidden Valley Country Club Ladies Golf Association. Mrs. Ralph Warner was named publicity chairman of the organization. At their last meeting trophies were presented to Mrs. Keith Arnold for runner-up in the championship flight, Mrs. Ralph Warner for most important golfer of the year and Mrs. Ralph Warner for runner-up in the Medal Play Tournament.

Mrs. Howard Wagenhals was recently appointed Chairman of the United Church Women of the Bend Area.

James Hart, assistant yard foreman, was recently elected president of the Mason County 4-H Club organization.

Carl D. King, maintenance man, and Charles E. Lytle, material clerk, have resigned.

Cabin Creek

The parents of Leonard O. McKinney, transformer maintenance mechanic, Reverend Wesley M. and Genettie McKinney celebrated their 63rd wedding anniversary in Phoenix, Arizona. He has been a Baptist minister for 60 years. They have had 10 children, now have 32 grandchildren and 42 great-grandchildren.

The parents of Earl O'Neal, mechanical maintenance helper, Charles A. and Lettie O'Neal celebrated their golden wedding anniversary. They are the parents of one daughter, three sons, 17 grandchildren and 11 great-grandchildren.

Miss Dora Lee Rupert, daughter of H. M. Rupert, test engineer, has just been elected vice president of the freshman class at King College in Bristol, Tenn. Dora Lee is majoring in religious education and is a graduate of Charleston High School.



Huntington

Back from a European vacation are Mr. and Mrs. Paul Kelsey. He's division line engineer . . . And Mrs. Ethel Hyldahl, draftsman, was a delegate from the Jewel City Chapter of the American Business Women's Association to the national convention in Cleveland.

Williamson

H. W. Cerrato is richer by a watch, but he won't wear it. He won a lady's watch as first prize in a Williamson store's anniversary sale.



Ashland

The Ashland High School Marching Band traveled to Cleveland to perform in the half-time activities during the recent Cleveland Browns-St. Louis Cardinals football game. Among members of the band who made the trip were: Paul Kenney, son of John Kenney, system meter department; Jim Vanover, son of E. E. Vanover, Ashland district engineering department; and Sandy Moore, daughter of Gene Moore, Ashland district superintendent. John Kenny and E. E. Vanover, members of the Band Parent's Association, went along on the trip.

Marilyn Wellman, stenographer in System accounting office, has resigned.

Dan Huffman, a freshman at Virginia Polytechnic Institute, has been elected to the Senate of the School's Civilian student body. Majoring in aerospace engineering, he is one of the 1963 AEP Educational Award Winners.

Pikeville

A. H. Jopp, district commercial supervisor, Pikeville District and his wife, Betty, recently returned from a six-weeks visit to England, Scotland, Wales, France and Germany.



Bluefield

Achievements in many areas of endeavor this month, and notice should go to Archie Phlegar as chairman of the Lions Club Pancake Festival; to Billie Jo Adams, O. W.'s son, for his extra point kicking for Princeton High School; to Theda, Mildred Bishop's daughter, for her selection as Teen Driver of the Month; to Jane Meadows, chairman for the observance of United Nations Day and United Nations Week in Bluefield (she is the wife of H. S. Meadows, electrical engineer); and to E. W. Linkous, who rolled a 603 three-game series in the Appalachian Bowling League; . . . Jeanne Bearre, merchandise bookkeeper, is hereby welcomed.

Abingdon

This month's personal news is salted with church work. Fillmore McPherson Jr. and Lovis Mitchell are active in the Abingdon Baptist Church, he as member of the board of deacons and superintendent of the adult department, and she as vice president of the Harriet Parker Circle and general secretary for the Training Union. Paul Lethcoe and James Cole were speakers during Laymen's Week services in the Abingdon district of the Methodist Church. Tommy, T. G. Brabson's son, has been elected president of the Young Churchmen of St. Thomas Episcopal Church in Abingdon.

Other elections saw David Angle, son of L. C. Angle Jr., become vice president of the Southwest Virginia District Hi-Y, and Jack Leonard, serviceman, become a member of the Dungannon Town Council.

At the annual awards dinner of the Glenrochie Country Club, three Bondurants—Fern, Becky, and Rufus—Rose Dunn, and Bill Ferguson all collected trophies.

The Abingdon Ladies Bowling Team has moved into second place in the Bowlerette League. Peggy Johnson captains the team, which also includes Lovis Mitchell, Eleanor Honaker, Shirley Bowling, Eunice Brabson, and Lottie Johnson

Welch

It's election time for sure. For example, W. T. Collins was elected second vice president of the Grundy Kiwanis Club; David L. Kendrick

Jr., vice president of the Men of the Church, and publicity chairman of the Every Member Canvass for the Buchanan First Presbyterian Church, and Mrs. Kendrick chairman of General Funds for the same church. (Mrs. Kendrick was also honored by a shower given by Mrs. Marlene Mitchell, pre-audit clerk, and Mrs. Sam Hylton, wife of the heating and builder sales representative.)

Bill Pearman, area serviceman in Coalwood is the new president of the Coalwood Junior High PTA, and Mrs. Duke Wright, whose husband is records supervisor, will serve as publicity chairman. Another employee's wife, Mrs. Joe Barnes has been picked as chairman of the Christian Education Committee at Anderson Memorial Presbyterian Church in Welch. Mr. Barnes is line inspector.

Employees' children fell victim to the election fever as well as their elders. Jenny Bivens, daughter of H. H. Bivens, elected vice president of Quill and Scroll at Welch High School; Carol Mills, daughter of L. J. Mills, elected secretary of Welch High School Tri-Y, and Nancy Dudash, daughter of Steve Dudash, elected to Student Council, Bramwell High School. And in the Rainbow Girls, Carol Mills was also elected drill leader, and Francine, daughter of Fred Adams, was installed as faith. Scotty Robinson, son of O. L. Robinson, Welch district office supervisor, has been elected secretary of the Welch High School Junior Class.

New employees are Eulalia Footo, cashier in Welch accounting, and Clovis Coleman, meter reader in Grundy.

Pulaski

The narrator for the Rose's Fashion parade in a recently opened shopping center in Pulaski was Mrs. Lucy Miller McSwain, home sales representative . . . C. H. Rhett, engineering aide, was a judge in the recent Junior Miss pageant . . . New members of the Pulaski BPOE Lodge are A. F. Horne, Earl A. Jackson, Jr., and Ivan K. Stoots . . . W. C. Hager, agricultural sales engineer, has been elected a vice chairman of the Virginia section of the American Society of Agricultural Engineers.

Other Hagers made news as well: daughter Marcia and daughter Kitty were both elected president of their respective 4-H clubs in Newbern School, Marcia for the 6th and 7th grades, and Kitty for the 4th and 5th.

Glen Lyn Plant

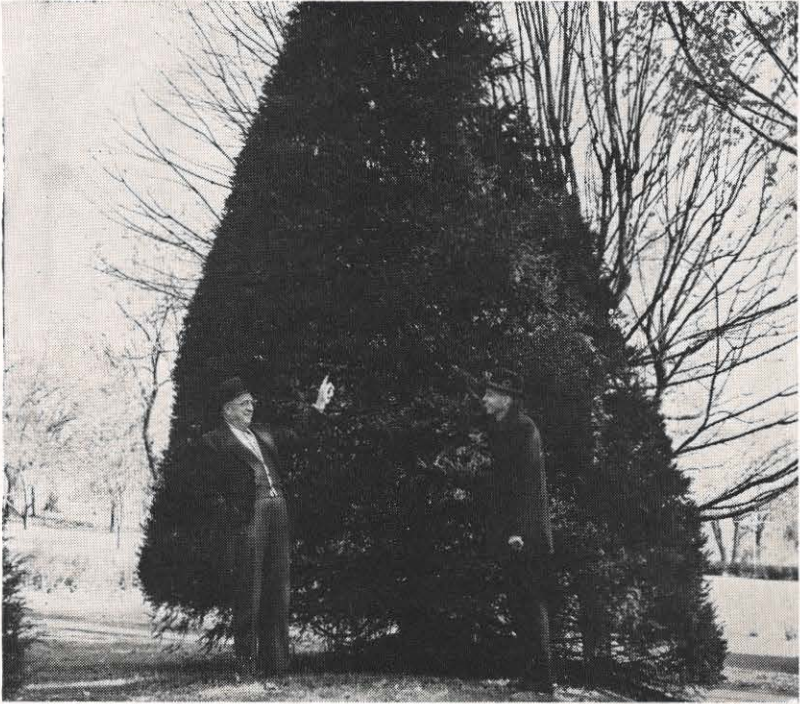
E. A. Painter, plant maintenance supervisor, who was chairman of the Giles County United Fund Drive, has announced the complete success of the campaign. For the first time, the county's fund goal was realized. In addition to his fund work, Mr. Painter has also served on the Glen Lyn Town Council and as president of the Rich Creek Lions Club.

The Glen Lyn Ruritan Club has elected three plant employees as officers: A. J. Turner is vice president; L. E. McKenzie, treasurer, and G. L. Smith, secretary . . . Bruce Coldiron appeared on a Bluefield television station and gave three solos.

Clinch Veterans



A group of Clinch River plant veterans pause long enough during their recent steak fry to pose for picture. In the front are N. E. Bass, J. S. Carter, Carl Richards, and E. S. Kees; in the back, Asa Ferguson, Tom Bunton, Earl Farrell, Clarence Archer, Lee Singleton, Henry Brown, Lester Marshall, and B. D. Myers.



The town of Lebanon is going to have a mighty big Christmas tree, thanks to Jack Carter, administrative assistant at Clinch River plant. He donated the huge tree growing in his lawn to the Lebanon Junior Chamber of Commerce for the town's decorations. "Now," say Mr. Carter, left, and Jim Easterly Jr., Jaycee president, "how do we move it?"



This is what the James River looked like as a blast of 3,300 pounds of dynamite had ripped the river bottom. A trench had to be dug to accommodate an oil pipeline, located 150 yards below Reusens hydro plant. The shots were laid in 57 holes, and fired at intervals of 17 micromillseconds apart to reduce concussion and shock to the dam.



Here's how to save \$200 in re-upholstering bills: do it yourself. Jack and Betty Walters (he's accounting department supervisor in Charleston) decided to take on the job, even though they had no experience. They'll be finished by Christmas, even without the help of the disinterested foreman with them, their son Johnny.



Golda Johnson, secretary to the Charleston district manager, staffs the report center for the city's United Fund Campaign, set up in the window of a downtown department store. With her is Howard Craven, UF director.



The November safety meeting for Abingdon office employees featured a lesson and demonstration of the mouth-to-mouth resuscitation and closed heart massage technique. Dr. F. H. Moore Jr., president of the Washington County Life Saving Crew, presided. Here are Lovis Mitchell, Dr. Moore, and James Prater.



The new "Respertrain" program, involving the cardiac massage method recently introduced into the company's lifesaving practices, had 36 persons involved in a class in Huntington. Oscar Fowler is practicing on Shorty the dummy.



Winner of a clock radio awarded by Appalachian at the Lynchburg Farm Show was G. A. Vance. The prize went to the person who guessed the average monthly operating costs of a pictured all-electric home. Mr. Vance, left, guessed \$21.90; the actual cost was \$21.93. Presenting the radio is E. J. Rice, heating sales representative.



West Virginia state law provides that drivers of school buses be instructed in first aid, and so W. C. Gilmour, administrative assistant, and C. H. Murray, Jr., line inspector, both of Point Pleasant, recently taught the standard Red Cross first aid course to 17 drivers. The classes were held in the Point Pleasant auditorium.

Shown here are a number of employees who were elected or appointed to various posts last month. In the top picture are the new officers of the McDowell County Employees Benevolent Association, O. L. Robinson, chairman; Nell B. Nunnery, secretary, and Perry Hatmaker, dealer sales representative. Steve Dudash and L. H. Myers were elected directors. Second picture: Welch employees also elected officers for the Ole Timers Club. From left, Frank B. Barns, president; Dorothy Lawless, secretary and treasurer, and John DeBusk, vice president. Fieldale's APCo Club, employee organization, also elected officers for the coming years (third picture). They are Lewis Ingram, president; Judy Lamkin, secretary; Barbara Dalton, treasurer, and Al Croy, vice president. In the bottom picture at left are two Bluefield employees who hold new Red Cross appointments. Lois Rounion has been named for the second year in a row to head the public information committee for the Bluefield chapter, and Henry D. Jones Jr., has been made chairman of the first aid committee. At bottom right the three officers of the Abingdon employees' Benevolent Association tally the total of employee contributions to the United Fund campaign. The final figure was \$1,379.50. The three are James Prater, standing, president; Jack Frier and Sue Sanders.

E. W. DeHart and A. J. Turner, maintenance men at Glen Lyn, are installing sintered tungsten carbide on the pulverizer liners and blades for No. 5 unit. This is the first time such a surface has been applied in an Appalachian plant; it is supposed to increase the life of the blades and liners many times.



Retirement Ends 47-Year Career Of A. H. Firebaugh; One Of Longest

One of the longest active service records in our companies came to a conclusion December 1 when A. H. Firebaugh, Roanoke meter serviceman, retired. On that day he completed 47 years and five months of service, all in the same department.

He joined Appalachian in July 1916, and his first job was working trouble. He used a motorcycle or the street car to go from job to job, and when the weather was bad, the street car was the faster. In addition to running a customer's service, the meter department people also provided and installed a light bulb in all sockets in the house, and made sure the bulbs lighted properly before the job was considered finished. Mr. Firebaugh during these early years also worked the company telephone switchboard every other Sunday. For these chores worked during a 55-hour week plus all necessary overtime, he was paid \$11.00 every week.

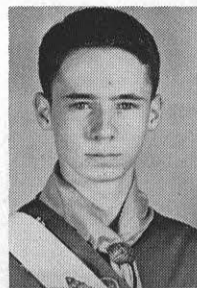
Mr. Firebaugh's long years of work with meters and service have given him an encyclopedic knowledge of the Roanoke district. He knows the exact location of every alley and virtually every meter in

the district. Next to this he is most proud of his work attendance record: if it weren't for an operation in 1961, during which he was off work for about a month, Mr. Firebaugh would have very little lost time.

Mr. Firebaugh is a native of Botetourt County, and is a member of Roanoke's Melrose Methodist Church. He has two daughters, five grandchildren, and one great-grandchild. His retirement plans are indefinite, with only one sure thing pending: a visit to the World's Fair in New York next spring.

Roanoke Youth Named Eagle

Eagle Scout, highest award of the Boy Scouts, has been achieved by Bill Krebs, son of William W. Krebs, Roanoke District Superintendent.



Bill Krebs

Bill has been connected with scouting at the First Presbyterian Church, Roanoke, Virginia, since he started as a Cub in 1958 at age 10. In March of this year, Bill became a Life Scout and in June at Camp Powhatan was initiated into the Order of the Arrow. He is the Senior Patrol Leader of Troop 1.

A sophomore at Patrick Henry High School, Bill's favorite courses are geometry and biology. Hunting, fishing and basketball top the list of his sporting activities.

Fifteen-year-old Bill serves as an acolyte at St. John's Episcopal Church, Roanoke, Virginia.

The Curved Bar, highest award presented by the Girl Scouts, was given to his sister Eva earlier in the year.



Mr. Firebaugh

System's Griffin Moves To AEP

G. D. Griffin, Appalachian stores auditor has been named coordinator-system inventory control for the American Electric Power Service Corporation and has been transferred to New York. The move is effective immediately.



Mr. Griffin

In his new assignment Mr. Griffin will supervise the cataloging of all materials and equipment, and also control operational procedures of operating companies' stores departments. His new post is a division of the purchasing department.

Mr. Griffin was first employed in the utility business in June 1930 when he went to work as assistant stores supervisor for what is now Kentucky Power Company. He was made stores supervisor in 1936, transferred to Appalachian as assistant stores auditor in 1947, and was promoted to stores auditor in 1951.

He attended the University of Kentucky, and is active in Boy Scout work. He is a member of St. Andrew's Catholic Church.

Old-Timers Hold Abingdon Dinner

Twenty-eight Abingdon district employees with more than 20 years of company service held their annual dinner at Greenway Party House in Abingdon last month.

Attending with the group were six retired employees: I. G. Colley, J. S. Mise, W. H. Johnson, C. D. Carrico, S. E. Gitting, and M. M. Miller.

The group elected James Booth Jr. and Brownie Yeager as president and secretary respectively for the coming year.



Darlene Martin rests in Franklin Memorial Hospital after being bitten by a snake. Gordon Adams, who applied instant first aid, and a hospital attendant visit her. (Franklin News-Post Photo)

Rocky Mount Scout Puts Life In Motto

Boy Scout Gordon Adams put action into the Scout motto—"Be Prepared"—on his way to school one morning last month.

His quick thinking and knowledge of first aid possibly saved the life of a schoolmate, Darlene Martin.

Darlene was waiting for the school bus at Gills Creek Bridge. As she stepped out of a car to get on the bus, a copperhead snake bit her on the left foot. Gordon, who was on the bus, jumped out, administered first aid in a nearby house trailer belonging to Darlene's sister.

Gordon took off his belt, tied it around Darlene's leg above the puncture wound, thus applying a tourniquet. He whipped out his pocketknife, slashed crisscrosses in the wound, then sucked out the venom.

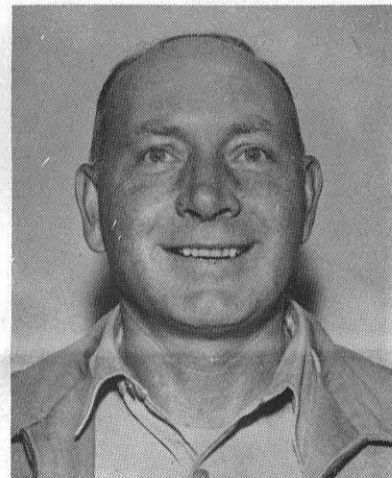
An ambulance was called and the girl was rushed to Franklin Memorial Hospital for treatment.

Gordon, 15, is the son of A. G. "Tex" Adams, truck driver-groundman in the Rocky Mount area of the Roanoke District. He learned his first aid in Boy Scout Troop 363, of which his father is scoutmaster.

Another one of his scoutmasters has been G. D. Bratton, working foreman in the Roanoke district.

Darlene, also 15, said "I thought it was a brier at first and I looked down and the snake was coiling to strike again."

Gordon was presented the award as outstanding scout in Franklin County earlier in the year. As part of this honor he received a three week trip to Camp Philamont in New Mexico. This award is given each year by the Rocky Mount Lions Club to the county's outstanding scout.



Mr. Rose

Death Claims Roanoke Retiree

Vivian D. Rose, retired system station department employee, died in Roanoke October 31. Retired since 1958 because of disability, he had divided his time between Roanoke and Florida.

Mr. Rose was employed in May 1929 in the Roanoke real estate and right of way department, and later moved to the system civil engineering department and served as chief of party. In 1954 he was transferred to the system station department as station engineer.

He was born in Adkins, West Virginia, and served in the Navy during the Second World War. He is survived by his widow.

Seventeen Feted At Service Dinner

Sixteen Williamson district employees and one Huntington division employee located in Williamson representing 370 years of service with Appalachian Power Company were recently honored at a dinner held at the Company Auditorium.

Employees honored were Jack Akers, T. F. Valley, Ernest Bailey, 35 years. G. B. Trent, Everette Carrico, 30 years. George T. Boothe Jr., Harry M. Strong Jr., 25 years. Cecil Ball, E. R. Slater, 20 years. H. D. Hatfield, C. J. Maynard, E. E. Herald, Ira Conn, 15 years. James Preston, J. W. Robinson, Junior Stanley, 10 years, and Charles F. Burchett, 5 years.

Following dinner a program prepared by Mrs. Lorraine Corea, consisting of a look through "Uncle App's Family Album", was presented by H. W. Cerrato. Constance Bannister baby pictures with amusing captions for 5, 10, 15, 20, 25, 30 and 35 years of service were used to make up the 27 x 26 album. As each picture was viewed a complete history of each employee in that category was given.

Gordon Chain—Former Daredevil, Present Grandfather

According to the law of average, Huntington's Gordon E. Chain, should have been laid to rest out on Boot Hill with a broken neck about 30 years ago. Gordon, naturally, disagrees with that statement because he insists that he does not take unnecessary chances. That is debatable, but to back up his statement, Gordon has proof that he has never lost a day's work due to an accident until—but that's another story.

It all started back around 1920 when Gordon took his first airplane ride. This was just after World War One and flying then was strictly for the military, and a few stunt flyers who saw the tremendous value of aircraft in the entertainment field. The fascination of flying proved too much for Gordon after his first ride, so he proceeded to take up the sport. His first flight instruction was in a 90-horsepower "Flying Jenny" back in 1927, and he later soloed in an advanced Waco 10 in 1930. He decided to take up parachute jumping but that sport came to an

abrupt halt when he was scheduled to make a jump for an air show. Parachute jumping in those days was for emergency only, yet the stunt flyers still included it in air shows. In this particular show, Gordon was scheduled to make the number two jump from an extremely high altitude. But he cancelled his performance when one of the aerobatic planes that he was scheduled to jump from crashed, killing the pilot, just prior to his planned jump.

Gordon has the distinction of flying with the first person to ever fly underneath the Huntington-Chesapeake Bridge in a land plane. The person at the controls at that time was Roscoe Turner, three-time winner of the Thompson Race Trophy.

As the years progressed, another machine began to exercise its fascination, and Gordon decided that the speed and thrills provided by the motorcycle might help burn up some of his excess energy that was left over from his flying antics.

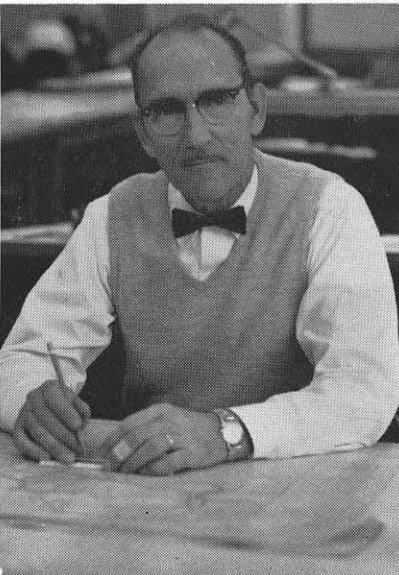
It required enough skill and dexterity just to ride it straight down the highway, but Gordon had to go to extremes. He took up trick riding, and dangerous hill climbing. To make matters worse he soon became captain of the Huntington Whites, a polo team that excluded horses but included motorcycles.

As years went by Gordon began to slow down his pace, not because he lost his nerve, but because he just lost interest. He fully agrees that everyone should have a hobby so he took up several of them. Sedentary hobbies to replace his flying and motorcycling.

Now, he keeps busy collecting stamps and coins; he is an amateur photographer, magician, hypnotist, and sculptor. It was when he took up the dangerous hobby of painting, he had his first accident. While doing some voluntary work at the Highlawn Baptist Church one night, he blacked out briefly and fell from a six-foot ladder. This put him out of commission for about two months. All of this time on his hands and an over-abundance

of energy put him to work painting what he calls his life's masterpiece. He spent many hours in consultation with Dr. Norman Lewis who was at that time the pastor of his church. After long hours of study and research, he painted on a 4 x 4 canvas his creation which he calls "Eternity" which symbolizes God's plan for the Universe from beginning to end. Today he exhibits this painting at various churches throughout the city, accompanied by a 45-minute lecture explaining the work of art.

Since he is chief draftsman in Huntington, Gordon comes by his art work naturally, and his sculpture and photography merely reflect his tastes and interests. But his quiet mild-mannered demeanor gives no clue to the wild enthusiasms of his youth. Today these enthusiasms center around his family of two daughters and five grandchildren. But, says the man who flew under a bridge, and played motorcycle polo, you've got to be careful romping with active grandchildren—you can get hurt.



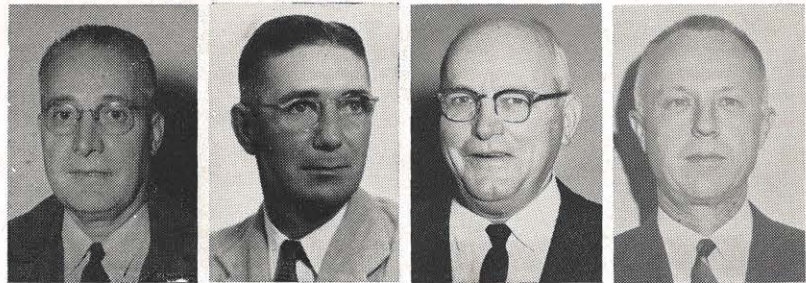
Will the real Gordon Chain stand up? Except for the one on the left: he'd better sit down. All three, of course, are Gordon Chain, twice caught

in pictures from a rakish past, and once in his calmer job as head draftsman in Huntington.

Service Anniversaries Noted



R. L. Herr System 30 Years
S. S. Gilbert Lynchburg 30 Years
L. E. Nutter Kingsport 30 Years
E. C. Cassidy Ashland 30 Years



S. A. Rich System 30 Years
S. L. Johnson Pulaski 30 Years
C. J. Light Bluefield 30 Years
R. E. Presley Beckley 25 Years



C. F. Casto Charleston 25 Years
W. Z. Trumbo Kingsport 25 Years
R. B. Waggoner Logan 25 Years
M. R. Callaway Bluefield 25 Years



G. T. Boothe Jr. Williamson 25 Years
A. J. Good Roanoke 25 Years
L. M. Miller Roanoke 25 Years
R. B. Allen Charleston 20 Years



Milford Layne Pikeville 20 Years
W. T. Collins Jr. Welch 20 Years
Etha Reynolds System 20 Years

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.

Process Heating Course Taught To Industry

A course in process heating is being taught by company employees to industrial and mining customers in Charleston and Beckley. Customers sent 15 representatives to the Beckley class, 43 to Charleston.

The course is designed to present the best and most modern practices for application of electrical heating devices in industrial processes. Participants will be trained in the fundamentals of process heating, become familiar with type of equipment, and with past and possible future applications.

The seven 2½-hour demonstration lectures and lecturers are How Electricity is Converted to Usable Heat, and Process Air Heating and Comfort Air Heating, both taught by E. A. Murray Jr.; Heat Transfer Fundamentals, and Equipment Characteristics and Soft Metal Infrared Processes, both taught by Eugene Eager; Liquid Heating and Steam Generators, and Economics

of Electric Process Heating, taught by Fred Brown; and Surface Heating, Snow Melting, and Pipeline Tracing, taught by John Wright. Classes meet once a week.

A similar program is being held in the three district points in the Roanoke division. James B. Edmondson, division electrical engineer, is in charge.

Charleston Store Shows Lighting Warms As Well As Brightens

Charleston's big and modern Stone & Thomas department store discovered to its surprise not long ago, that, its big steam boiler notwithstanding, it was virtually a total-electric installation.

This fact came up out of discussions between H. H. Hutcheson, Charleston commercial sales supervisor and the store's architect. Only twice in the past 12 years have the store's boiler's been fired, and both times were last winter when the temperature remained below zero for several days. At all other times, the building's air-conditioning equipment was operating.

The reason is one that commercial lighting people have known for a long time, and which officials of large buildings are now beginning to accept: proper lighting, designed to meet exacting standards and specification, supplies all of the heating requirements of a building especially where there is a reasonably high occupancy rate, as in a department store or large office.

Savings to the customer, who might otherwise invest in a bulky heating plant, are obvious, and this is a major selling point by Appalachian commercial people.

Management

(Continued from page 1)

ment." He particularly cited the Federal Power Commission as an example of this encroachment.

"The efforts of the FPC to expand its jurisdiction in every direction continued at an accelerated pace this year," he said. "There appears to be a clear intention on its part to extend its jurisdiction into every possible area of regulatory control regardless of the strained interpretations of the Federal Power Act necessary to provide even a semblance of authority for it."

Litigation

He pointed to current litigation involving Appalachian Power Company and the FPC over the question of whether the Commission has jurisdiction over the utility's published financial statements. Appalachian's contention, Cook explained, is that its financial statements have always reflected the requirements of the state regulatory commissions in Virginia and West Virginia and that these requirements were paramount to those of the Federal body.

Cook cited a recent FPC show cause order involving Indiana & Michigan Electric Company by which the FPC is seeking to establish jurisdiction over I. & M's sales to municipalities and rural electric cooperatives in the states of Indiana and Michigan.

"Both the Appalachian and the I. & M. cases are regarded as landmark cases," Cook declared, "and we are contesting them as vigorously as we know how, and we will continue to do so."

The AEP president also pointed to current efforts by the FPC to attempt to extend its jurisdiction over the nation's rural electric cooperatives generally, a move which has led Congressional friends of the rural electric co-ops to introduce a bill designed to exclude co-ops from such jurisdiction.

Earned By Blood



This certificate was earned with blood. David H. Cleland, left, executive director of the Kanawha-Clay Chapter of the American Red Cross, made the presentation recently to recognize Charleston employees of Appalachian as being one of 18 groups in the area to meet their quota in the bloodmobile visits. The certificate was accepted by John C. Frazier (center), Charleston Division safety supervisor, and C. W. Lovell, assistant division manager.



Appalachian Power Company

- ABINGDON DISTRICT—15 YEARS: S. J. GRIZZLE JR., meter reader.
- BECKLEY DISTRICT—25 YEARS: RICHARD E. PRESLEY, transportation and stores supervisor. 15 YEARS: ROY M. CROUSE, meterman; RICHARD R. SMITH, station man helper.
- BLUEFIELD DISTRICT—30 YEARS: CLARENCE J. LIGHT, stores supervisor. 25 YEARS: MURRAY R. CALLAWAY, right of way agent. 5 YEARS: ROBBIE C. STOKER, division electrical engineer.
- CABIN CREEK PLANT—35 YEARS: W. L. JOHNSON, control operator; L. C. HARTMAN, supervisor of operation. 15 YEARS: J. R. SUMMERS, plant janitor.
- CHARLESTON DISTRICT—40 YEARS: HENRY J. GRIMM, head T&D clerk. 25 YEARS: CHARLES F. CASTO, radio engineer. 20 YEARS: RALPH B. ALLEN, collector. 15 YEARS: J. D. PORTER, dealer sales representative; ERNEST KAVINSKY, customer service representative. 10 YEARS: GLENN J. COOK, T&D clerk, senior; DONALD A. LOY, commercial sales representative; J. E. MOSS, lineman.
- CLINCH RIVER PLANT—40 YEARS: JESSEE S. CARTER, administrative assistant. 5 YEARS: ROOSEVELT C. CHAFIN, plant janitor; BOBBY G. HOBBS, equipment operator.
- FIELDALE DISTRICT—10 YEARS: V. P. REYNOLDS, lineman.
- GLEN LYN PLANT—10 YEARS: E. V. HARRIS, chief chemist.
- LOGAN DISTRICT—25 YEARS: R. B. WAGGONER, district office supervisor; CALEB L. WHITE, janitor.
- LYNCHBURG DISTRICT—30 YEARS: S. S. GILBERT, hydro operator. 5 YEARS: D. L. GOODWIN, lineman.
- POINT PLEASANT DISTRICT—15 YEARS: F. E. WOLFE, collector.
- PULASKI DISTRICT—30 YEARS: S. L. JOHNSON, line supervisor. 15 YEARS: C. H. WIRT, lineman.
- ROANOKE DISTRICT—40 YEARS: J. L. FERRIS, station man. 35 YEARS: L. A. FULCHER, division dealer sales coordinator. 25 YEARS: A. J. GOOD, lineman; L. M. MILLER, division heating and builder sales coordinator. 15 YEARS: K. M. SPICER, lineman.
- PHILIP SPORN PLANT—15 YEARS: WILLIAM H. ANDERSON, utility operator; ELTON G. CLEVINGER, utility operator. 10 YEARS: ROBERT G. HART, tripper operator; CHARLES E. HANNUM, auxiliary equipment operator; RICHARD W. RUSSELL, junior maintenance man.
- SYSTEM—35 YEARS: ARNOLD V. HANNAH, system station operator. 30 YEARS: S. A. RICH, system senior relay engineer; R. L. HERR, regional chief operator. 20 YEARS: ETHA E. REYNOLDS, general accounting clerk. 10 YEARS: H. R. MAYES, system station man. 5 YEARS: MARY J. MANNING, private secretary.
- WELCH DISTRICT—20 YEARS: W. T. COLLINS JR., local office supervisor. 10 YEARS: LEONARD ADAMS, meter reader.
- WILLIAMSON DISTRICT—35 YEARS: JACK AKERS, station foreman. 25 YEARS: GEORGE T. BOOTHE JR., commercial sales representative.

Kentucky Power Company

- ASHLAND DISTRICT—30 YEARS: E. C. CASSIDY, general power sales supervisor. 20 YEARS: LOUISE WOODIE, petty cash clerk, senior.
- BIG SANDY PLANT—10 YEARS: B. DALE WILLIAMS, maintenance foreman.
- HAZARD DISTRICT—15 YEARS: ROBERT L. ADAMS, station man.
- PIKEVILLE DISTRICT—20 YEARS: MILFORD LAYNE, engineering record clerk, senior.

Kingsport Utilities, Inc.

- 30 YEARS: L. E. NUTTER, line supervisor. 25 YEARS: W. Z. TRUMBO, personnel supervisor. 15 YEARS: W. M. DRINNON, station man.

Gold Medallion Parade Continues In Huntington

For the second consecutive year Huntington celebrated National Home Builders Week by conducting another Parade of Gold Medallion Homes.

The Huntington Publishing Company published a 14-page tabloid newspaper section publicizing Gold Medallion Homes and the benefits of "Living Better Electrically".

Leading builders in the Huntington area proudly displayed their model homes which included such features as illuminated ceilings in bathrooms and kitchens, built-in intercom and hi-fi systems, appliance centers, and dimmer controls for lighting. Awards were presented to Gold Medallion builders at a luncheon given by H. D. Stillman, Huntington division manager. Among the special guest speakers was Joe P. Gills, Appalachian vice president and general manager.

Appalachian Power Company conducted a seminar during the week of the Parade of Homes. Reddy Kilowatt dealers, builders and builder suppliers throughout the Huntington area attended, and national figures in the building industry participated.

Climaxing the day, luncheons

were held for certain club groups throughout the city. After lunch they boarded a special chartered bus which took them on the Gold Medallion Tour. Two television stations, WSAZ and WHTN, invited these groups to their studio

for lunch and to be interviewed on local programs.

The most favorable conclusion of the entire event was the commitment by four sub-division builders to go into the Gold Medallion home business.



A woman's club group tours one of the Gold Medallion Homes in the Huntington celebration.

In Jackson County

Appalachian Honors Outstanding Farm Family

The L. Ray Welling family of Given, W. Va., Point Pleasant district, has been named the outstanding Jackson County Farming For Better Living Farm Family for 1963 at the annual FFBL Banquet held at the Ravenswood High School. Mr. and Mrs. Welling, parents of 10 children, received cash awards in the amount of \$50 from Appalachian Power Company and \$25 from Monongahela Power Company for this county honor.

The banquet honored all farm families who completed their enrollment in the Jackson County FFBL program for the past year, and was sponsored by various business groups in Jackson County.

This year's FFBL award was presented to the Welling family for their steady progress over many years of enrollment in the program. This family is farming full-time, managing a 400-acre farm which has improved to the point that it now supports 104 head of cattle. When Mr. Welling and his family moved to their farm 16 years ago, they farmed with a team of horses and horse-drawn machinery. They now farm the modern way with two tractors and other mechanized equipment.

Good land management has been accomplished with application of adequate fertilizer and lime. Drainage tile and three farm ponds have

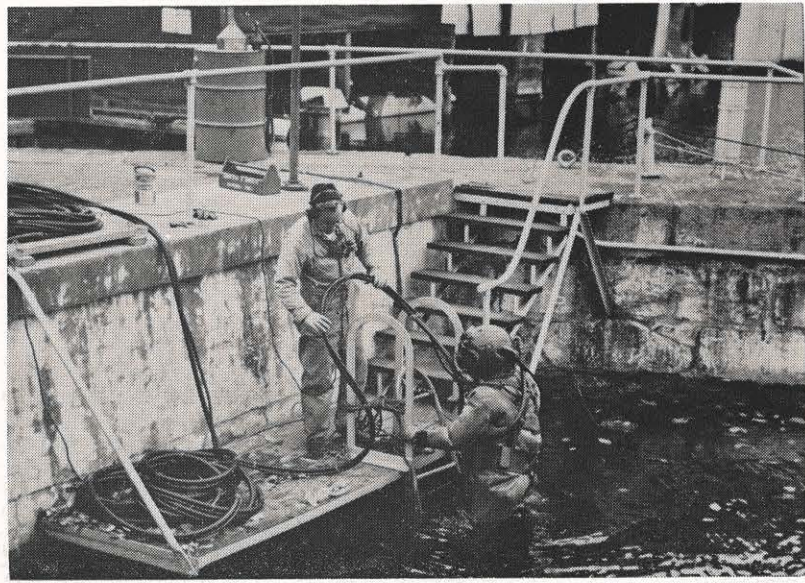
been added for better water usage. The goal expressed by Mr. and Mrs. Welling is to keep on trying to improve their farm and buildings each year to increase the value of both their farm and home as the years go by.

C. R. Street, heating and builder

sales representative in the Ripley area, and Appalachian Power Company have participated in this Farming for Better Living for a number of years. As a result, most of the farm families are using modern electric appliances, and some have all-electric homes.



Mr. and Mrs. L. Ray Welling, winners of the Jackson County Farming For Better Living Award, accept a prize check from C. R. Street, Point Pleasant district. Appalachian is one of the sponsors of the annual competition.



On a stone abutment built before the War Between the States as part of the James River & Kanawha Canal, a 20th century diving team gets ready to go under the water to examine and repair the trash rakes at Reusens hydro plant. The diver is Sam Whitson, and the tender is J. C. Edwards Jr., both of the diving firm of Croffon-Morris, Norfolk.

Deep Sea Diver Repairs Reusen Plant's Trash Rakes

About the last thing you would expect to see rise from the depths of the James River as it cuts through and around the hills of Lynchburg is a deep sea diver. And yet, there he was, coming up and down like a yo-yo over a period of three weeks; his job was repairing the trash rakes at Reusens hydro plant.

The plant dates back to 1904 for its hydro-electric history, but even farther back as a structure. It was originally an old stone dam built as a part of the James River & Kanawha Canal. It was built, according to tradition, by Italian stone masons. Over the years, notably in 1930 and 1931, the hydro plant was completely rebuilt, and transmission lines were tied to the plant's output. It is now connected to the Smith Mountain project as well.

The man who did the diving was Sam Whitson. He works for the Croffon-Morris Diving Company, one of the best-equipped diving companies in the east. Mr. Whitson has been diving for a dozen years, and has been in one form or another of the maritime service far longer than that. In fact, the reason he got into diving was that he had long periods at sea, and wanted more time at home.

"You can't become a diver overnight; it takes hard work and a long time—about four years—to become really proficient. If anybody is bothered with claustrophobia (fear of confined spaces), diving is no profession for him," Mr. Whitson recalls. "I've seen people behave perfectly normal until that head piece goes into position, and then they panic." But he observes that it's far better to weed out unsuitable people on the surface than underwater.

With each of Croffon-Morris's six divers there goes a topside man known as a tender. Since the diver's life is literally in his hands, the tender's job is to keep the complete gear in top-notch working order. During a dive he is in direct telephone contact with the diver, sends down the proper tools and equipment, and carefully looks after the lifeline and air line. Mr. Whitson's tender is J. C. Edwards Jr.

Mr. Whitson prefers working in sea water to fresh. It has more buoyancy, and more light because of the reflective characteristics of a sandy bottom. On the other hand fresh water beds are "usually dark and cold and slimy and muddy," says Mr. Whitson.

The Reusens job presented no special problems, and was completed without any difficulty at all. Not all of Mr. Whitson's jobs are so routine.

He was one of the inspectors on the mammoth Chesapeake Bay Bridge-Tunnel project. In the course of some underwater investigation, the condensation in his air line began to freeze, and it was only after considerable manipulation that he was able to clear it. On another occasion, both his airline and his lifeline fouled, and he had to be brought to the surface by a fellow diver. And there was the time when he was working on a sunken barge. The afterhouse on the deck toppled over and cut his lifeline, and it required some quick and competent work to get him out of that jam.

Mr. Whitson takes his job seriously, as he should. But he draws the line at changing it. Would he, for example, consider doing high line for a power company if he ever quit diving. "No, sir; too dangerous for me."

Coon's The Cause



Now it's raccoons. Customers in the Belfry section reported they were out of power. J. R. Hartzog, meter service foreman in Williamson, and Ira Conn, meter serviceman, went out to have a look. And there, resting permanently on a transformer, was a 20-pound coon. He had apparently climbed a pole and touched a wire and thus set off all the trouble. The two investigators said it was the first time they have traced trouble to a coon. Snakes, birds, squirrels, and cats, yes; but coons—no. In the picture, enacting the crime, are Mr. Hartzog, left, and Mr. Conn.

Seasonal Festivities For All

Traditionally playing its part in making the Christmas season more festive is the company party, a fixture in every district and plant.

This year several locations have already announced plans for parties, and following is a summary of plans for adults', teenagers', and children's parties.

ABINGDON—Adults will be entertained at the Martha Washington Inn beginning at 7 p. m., December 20, with dinner, games, and dancing. Four children's parties are slated, each of which will be held in the office auditorium in the following locations: in Lebanon on December 16 at 3:30 p. m., in Gate City on December 17 at 3:30 p. m., in Clintwood on December 18 at 3:30 p. m., and in Abingdon on December 19 at 3:30 p. m.

ASHLAND—The adult party in the Ashland area will be held December 21 at the Elks Club in Ashland. The party will begin with a social hour at 6 p. m., dinner and dancing to follow. The children's party will be celebrated in two parts. The first event will be a skating party held at Black's Roller Rink; the second part will be a party in the company auditorium on December 21, where Santa will put in an appearance.

BECKLEY—The party for adults will be held on December 20 at 6:30 p. m. at the Beckley Hotel. There will be a dinner followed by a dance. The children's party will be held on Saturday morning, December 21, at 10:00 a. m. at the Beckley Hotel.

BLUEFIELD—Two adult parties have been planned. The party for district, division and system employees will be held December 13 at the Bluefield City Auditorium, with buffet dinner at 7 and entertainment and dancing to follow. A party for office maintenance employees is scheduled December 21, at Elk's Hall. Refreshments will be served at 10 p. m., with dancing to follow.

CABIN CREEK PLANT—A dinner dance will be held for all adult employees and their wives, plus the retired employees and their wives at the Mountaineer Room, at Belle on December 6. Children are invited to the Chelyan Junior High School auditorium for a party on December 18.

CHARLESTON—The West Virginia Room of the Charleston Civic Center will be the scene December 13 for the adult party, to begin at 6:30 p. m., with a buffet dinner, followed by a dance and draw prizes. Teenagers will be entertained December 21 at the Transportation Building of the Virginia Street office with a juke box party, games, prizes and refreshments. The children's party will be held Saturday morning, December 7, at 10:00 a. m. at the State Theatre. There will be movies, and Santa will be there with a gift for each child.

CLINCH RIVER PLANT—A smorgasbord dinner followed by a dance in the main ballroom of the Martha Washington Inn in Abingdon will be held for adults on December 14 at 7:00 p. m. An added feature will be bingo sponsored by the Clinchers Club. The teenage hop will be held December 27 at the Lebanon Elementary School with a dance, games and contest scheduled. The children's party will be December 21 at the Russell Theatre, where there will be cartoons and refreshments along with a visit from Santa.

FIELDALE—A dinner and dance are planned for adults at the Hut on December 20 beginning at 7 p. m. Cartoons, refreshments and Santa Claus will entertain the children in the company auditorium on December 23 at 3:30 p. m.

GLEN LYN PLANT—The annual party for employees and their wives will be held at the Narrows High School December 21 at 6:30 p. m. Following the banquet and program there will be a bowling party at Happy Lanes, Pearisburg, Virginia. Arrangements have been completed for the children's party at 11:00 a. m. December 21 at Rich Creek Theatre.

HAZARD—A banquet and bingo party will be featured for the adults on December 20, beginning at

6:30 p. m. Door prizes also will be given. Children are invited to movies and treats in the auditorium on December 21 at 2:00 p. m.

HUNTINGTON—December 13 is the date for the adults' party at the Frederick Hotel. Dinner, dancing and entertainment will begin at 7:00 p. m. The children's party will be December 14 at the office building auditorium in the afternoon. Santa will be there to entertain and present gifts for the kiddies.

KANAWHA RIVER PLANT—A dinner and dance for adults will be held at the Mountaineer Room at Belle on December 13. The children will be treated to movies, Santa Claus and gifts at the Chelyan Junior High School gymnasium on December 16 at 7 p. m.

LYNCHBURG—The annual Christmas Party for children will be held December 21 in the auditorium. There will be entertainment and songs with gifts for everyone from Santa. Maximum age limit is 10 years. The adults will be entertained at a banquet followed by a dance at the Oakwood Country Club on December 13, beginning at 7 p. m.

PHILIP SPORN PLANT—A buffet dinner and dancing at the Moose Hall in Point Pleasant will entertain adults on December 17 and 18. This party is held on two different dates in order that all shift workers may attend. A party consisting of a movie, games with prizes, dancing and refreshments for teenagers will be held at the St. Joseph Parish Hall in Mason on December 14. The children's party will be held December 21 at the Haven Theatre in New Haven. A movie will be shown and Santa Claus will distribute gifts and candy to the children.

PIKEVILLE DISTRICT—Dinner will be served to adults in the auditorium of the main office building at 6:30 p. m. on December 13, followed by a program and dancing in the accounting department, beginning at 8 p. m. The children's party will be held December 14 in the main office building, where Santa will have treats for everyone.

POINT PLEASANT—A buffet dinner followed by a dance will entertain adults December 13 in the Moose Club Ballroom at 6:30 p. m. The children's party will be held at the State Theatre at 10 a. m. on December 21, and Santa will be there to see all the children.

PULASKI—Christmas dinners and/or parties for the Pulaski District are planned for the week before Christmas as listed: Pulaski employees and Claytor hydro employees at Pulaski; Galax, Hillsville and Byllesby hydro employees at Galax; Marion and Wytheville employees at Marion, and Christiansburg employees at Christiansburg. Employees' children will have afternoon parties: Pulaski, Claytor and Christiansburg children at Pulaski; Galax, Hillsville, Byllesby children at Galax and Marion and Wytheville children at Marion.

ROANOKE—Adults will be entertained at Hotel Roanoke December 13 beginning at 7 p. m. Colored employees will hold a party December 14 at 7 p. m. at Hotel Dumas. Children will be entertained at two parties, at 2 and at 3:45 p. m. on December 23 in the company auditorium.

SMITH MOUNTAIN—A dinner dance will be held for adults December 7 at 6:30 p. m. at the Rocky Mount National Guard Armory.

WELCH—The adult party will be held December 20 at 7:00 p. m. in the Welch Community Room.

WILLIAMSON—A party for adults is planned for December 13 at the Mountaineer Hotel Ballroom at 7:30 p. m. with bingo and dancing at the company auditorium at 9:00 p. m. A teenage party for ages 13-17 will be held December 28 at the company auditorium, and each teenager may invite one guest. The children's party will be held December 7 in the company auditorium from 10:00 to 12:00 noon. Along with Santa, gifts, and refreshments, there will be a puppet show. This party is for children up to 12 years of age.



Mr. Mauck

Virgil C. Mauck, Division Employee Dies At Logan

Virgil C. Mauck, 59, died suddenly November 17, at his home. He was head draftsman in the Huntington division, stationed in Logan.

Mr. Mauck was employed January 3, 1939 as a draftsman. Prior to coming with Appalachian he worked for the Big Four Railroad in Cleveland, Ohio; State Highway in Columbus, Ohio and C&O Railway Company in Columbus, Ohio. He attended Ohio State University, majoring in Civil Engineering.

He is survived by his widow, two sons and a daughter.

Funeral services were held at the First Christian Church in Logan and burial took place in the Oak Dale Cemetery in Urbana, Ohio.

Kentucky Honors 36 Employees With Six Centuries Of Service

At a dinner recently held in the Company's auditorium, the Kentucky Power Company honored 36 employees who have received service pins during 1963. Included in this group were men and women from Kentucky Power's Big Sandy Power Plant as well as the Ashland District and System Departments.

A total of 665 years of service has been worked by these employees, who received service pins representing various tenures of employment from five through 40 years. Three 40-year pins were awarded this year to Felicia Billips, local accounting office; John Weidenheller, system meter department; and Rufus Thomas, industrial development representative.

F. M. Baker, vice president and general manager of Kentucky Power, addressed the group, remarking on the progress and development of the Company. He compared the early small-capacity generating plants operated by the company in the 1920's and 30's with the large, modern plant built in 1962 by Kentucky Power Company on the Big Sandy River, a few miles from Louisa.

Each of the service pin recipients was introduced by Ronald Marshall, plant manager, Big Sandy Plant, and C. C. Darrah, Ashland district manager.



Jim Duffield and his daughter Diana practice together for their appearance at a recital early in December. They will each play a solo, and then a duet.

With Daughter

Jim Duffield Goes Back To Music

Every Saturday morning, Jim Duffield, Charleston radio engineer, takes his 14-year-old daughter Diana to her piano lesson. But instead of sending her in, he goes along. It's part of a unique father-daughter musical project that provides both with a great deal of enjoyment, and one with, possibly, a future.

Diana, a ninth-grader, plans to major in music. She's been taking music for four years. Dad, on the other hand, quit when he was a youngster after studying for two years. However Diana's work stirred up his own interests again, and he saw that musical ability would help him in his youth and church work. Things he learned long ago are just beginning to come back. He's also learning to play the organ.

Diana, Mr. Duffield admits, is the better player. That's because she has natural talent, and he has to dig. Further he plays entirely by note, and she has a good ear.

Practice could be a problem, but isn't. Diana practices after school, and her father at night. It could become complicated in the future, since the other two children in the family, Larry, 9, and Cathy, 5, both show an interest in music.

Playing the organ gives Mr. Duffield a double satisfaction, musically and mechanically. He built it himself, the mechanism and the cabinet. It is, of course, an electric organ.

Beyond learning to play the piano and organ, Mr. Duffield has one more major ambition. He wants

to get his private pilot's license. During World War II he was navigator and radio man on a troop carrier, and collected some 2,000 hours of air time. Because every crew man had to be able to fly in an emergency, Mr. Duffield picked up about 50 hours. He still has a long way to go, but he'll make it, he says, some day.

Lynchburg Vets Honored At Dinner

The annual awards dinner for Lynchburg employees having 20 years and more of service was held in the Town and Country Restaurant on October 30th.

The eleven employees honored totalled 330 years of service. During the year, 18 employees have received service pins totalling 415 years of service.

Informal talks were given by W. S. White, district manager, and D. C. Kennedy, division manager. L. G. Dougan, district personnel supervisor, presided.

The employees receiving service pins during 1963 are as follows: Miss Bessie Johnson, 40 years. F. M. Cloyd (retired), 35 years. H. A. Brooks (retired), 30 years. E. P. Hogan, F. O. Paiks, R. L. Davis (retired), Mrs. Rose Harvey, and S. S. Gilbert, 25 years. H. L. Morris and E. T. Wright, 20 years. B. G. Gilbert, W. D. Crews, J. H. Porter, J. H. Ward, and N. K. Langhorne, 15 years. James Collins and Mrs. Charlene L. Thompson, 10 years. D. L. Goodwin, 5 years.



The bucket isn't growing out of the roof of the new Tazewell office building; it's part of an equipment display on the other side. This is the front, showing parking areas and dusk-to-dawn lights.

Thousand Visitors Tour New Office

Under perfect weather conditions, about a thousand people toured Appalachian's new office in Tazewell during open house ceremonies, and saw displays of power company equipment.

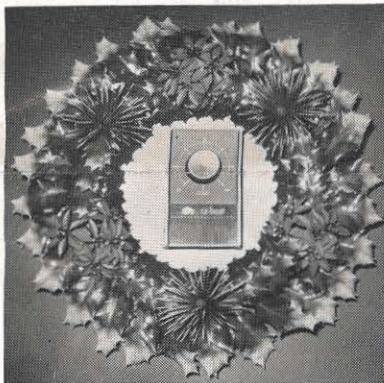
In the one-story building accounting, commercial, and transmission and distribution departments are quartered, and there are also facilities for the line crew, and space for material storage. An assembly room with a seating capacity of 85, equipped with a kitchen is available for company meeting use, and for civic groups. The entire building is heated and cooled by heat pumps, and the entrance canopy is equipped for cold weather comfort with heat reflectors. Next to the office building is a vehicle shed for company automotive equipment, and there is ample parking space for employees and customers.

Displays included a bucket truck in action, a practical demonstration of an oil recloser, and a disassembled transformer. The commercial department showed off electrical appliances; the accounting department had a display of bills and

forms, and the T&D people displayed hot line tools and the entire assortment of tools carried on a line truck, plus pole maps and walkie-talkie radios. Refreshments, favors, and door prizes completed the open house day.

Open House Sidelights

One man attending the Tazewell office open house presented his post card invitation, and wanted to know if it represented a refund... another visitor, given a 150-watt light bulb, wanted to trade it for six 25's... several people traveling the highway thought the bucket truck in operation was a new carnival ride, and stopped to have a turn... some people took the conducted tour two or three times, and some stayed all day.



Warm Christmas!

It will be merry and warm Christmas for all users of electric heat this year, and especially to the 15 Bluefield employees who have installed electric heat in their homes since the beginning of July. They are: Ardis Anderson, Keith Chambers, E. E. Fanning, W. M. Hawthorne, Ira Henderson, Karnes Hoge, Richard McKinney, Woodrow Munsey, Cecil Rhudy, C. R. T. Ryan, C. L. Shockey, Joe Stinson, Lane Whitley, Mrs. A. C. Dilcher, and C. E. Shumate. Ira Henderson dreamed up and executed the picture.



This two-unit shopping center owned by brothers has become Charleston's newest all-electric commercial facility. The building, heated and cooled by heat pumps, covers 9,600 square feet; half is given over to super-market operated by Orville Haynes, the other half to a hardware store operated by his brother Vernon. The total connected load for both is 155.8 kw.



Here are classic "before and after" pictures of Ronald Street's one-man conservation project in Point Pleasant. The left photo was taken in 1957, the right one

this past fall, showing a re-planted hillside alive with grass and trees, and flourishing, fish-filled pond at the bottom.

Conservation Work Begins At Home For Ronald Street

Conservation is more than an abstract thing to Ronald Street. To him, conservation is getting out on an eroded hillside and planting trees, and this one-man conservation corps has virtually reclaimed nearly six acres of wasteland by his own efforts.

Back in 1957 Mr. Street—he's heating and builder sales representative in Point Pleasant—decided to construct a farm pond on the farm of his father-in-law. Next to the proposed site was an eroded hillside which would soon fill the pond with silt unless major steps were taken to improve the situation. Mr. Street built the pond, fed by springs, and the next year began planting the hillside with the assistance of the Soil Conservation Service.

Tall grass was sowed on the lower levels, and higher up on the slopes came locust, scotch pine, and white

pine. It has been six years since the work started, and already Mr. Street has seen benefits come from his project. The erosion has stopped; the planting serves as cover for wildlife, and finally, a good stand of future locust and pine poles has started. And when the trees are taken out, Mr. Street, staunch conservationist that he is, will re-seed. There are also plans to grow Christmas trees for sale on the hillside.

The tract covers about five acres, the pond about one-half acre. It is all private, and the pond is set aside for fishing by the family and friends. It is a haven for bass and blue-gill, and it was for fishing reasons that Mr. Street really got into his conservation project. That, plus the fact that the farm needed water, and plus the further fact that the whole project was a challenge.

Recent Weddings



Marrried in recent weeks were, left, Mrs. James W. Fraley, Clinch River plant, and Mrs. Richard Thomas Witt, Beckley.

Clark-La Breche

Shalimar Joyce Clark became the bride of John Bernard La Breche on October 12. Mrs. La Breche is the daughter of Dennis Clark, who is a lineman in the T&D Department in Pikeville, Kentucky.

Kimberlin-Fraley

A double ring ceremony performed in the Carvosso Methodist Church on October 26 united Eveleen Gaye Kimberlin and James W. Fraley in marriage. Mr. Fraley is a laborer at Clinch River Plant.

Joyner-Witt

Kathryn Ann Joyner and Richard Thomas Witt were married on November 2 in the St. John Evangelical Lutheran Church in Forest Park, Illinois. Mr. Witt is the son of Roland M. Witt, engineering aide in the Beckley district.



"Now you know you can sing!" That's the challenge voiced by Martha Hankias, left foreground, at a recent senior Girl and Boy Scout outing near Ashland. With Martha at extreme left is Faye Queen. Both work in the system offices in Ashland, and both are active in Scout leadership work.

Work With Girl Scouts Makes Dual Life Enjoyable For Employee

Watching this neat, attractively dressed little gal as she types a letter or goes about her filing in the system offices in Ashland, no one would suspect that she plays a dual role and assumes an entirely different set of characteristics on week ends. Next Saturday if you were to hide behind a tree on a beautiful chunk of Kentucky hillside called Camp Cardinal, chances are that you would see Martha Hankins dressed in worn jeans and sweatshirt leading a howling pack of Girl Scouts down a trail.

Evelyn Cassidy, wife of E. C. Cassidy of the system commercial department, is the Girl Scout Executive in Ashland. At her urging, Martha joined the Scouts as an assistant leader in 1955. After three years, she became chairman of the Ken-O-Valley Council Camp Committee. In July, 1961, Martha became the Leader of Senior Troop 45, sponsored by the Community Presbyterian Church of nearby Bellefonte. Earlier this year, she persuaded her good friend Faye Queen of the system accounting department, to join her as the assistant leader; and, together, these two operate one of the best Senior Units in the Ken-O-Valley Council. With two dozen girls of high school age, a lot of singing, a little mischief, and tremendous amounts of energy this troop plays the game of Scouting to its fullest.

Recently Martha and Faye "cooked up" a hay ride for their girls and invited a local Sea Scout Unit skippered by Dave Broughton, district personnel supervisor. The joint social event was held at the Girl Scout Camp Cardinal. Throughout the afternoon and evening, from the hike, past the spaghetti supper, the hay ride, games, and group singing, the trees resounded with the voices and laughter of girls and boys.

Fall Breaks Up Beautiful Friendship

The two young ladies made their "goodbyes" as they ended an unusual companionship which began early last summer. This parting took place in Ashland's Central Park. One went back to school and the other took up residence in the Central Park Zoo.

Early last summer Mary Ruth, daughter of Carl Hopson, Ashland engineering aide, received her little friend from Deb Lockwood, retired Ashland district superintendent. Deb had found three baby raccoons; and, deciding that one was enough to take care of, gave one of them to the children of Walter Keeton, Ashland serviceman, and the other to Mary Ruth.

They called her "Coon-A-Bell" and she was only about eight inches long when she moved into the Hopson home. She proved to be a cuddlesome little pet, but one who quickly gained the respect of the family cat and the neighborhood dogs. Living on bread and milk at first, she soon developed an appetite for dog food with crawfish for an occasional dessert.

Mary Ruth trained her little pet to a leash and was able to take her for walks and on family outings. Soon earning periods of complete freedom, Coon-A-Bell enjoyed her favorite pastime, climbing trees.

The Camp and the Girls themselves furnish evidence that whether it's building a fire, painting a cabin, singing a song, hiking a trail, or building the womanhood of tomorrow Girl Scouting will achieve its goals. As long as leaders such as Martha Hankins and Faye Queen lead the way.

Employees Complete Supervisory Training

A supervisory training program was conducted in the Huntington office for 20 employees of the Logan, Williamson and Huntington Districts and Philip Sporn plant.

Subjects covered were "Basics of Supervision" by George E. Herve, Logan-Williamson district manager; "Employee Development Interview" by Howard J. Collins, Logan-Williamson district personnel supervisor; "Accident Control" by W. S. Kitchen, assistant safety director, and "Better Communications" by W. E. Irving of the Roanoke system personnel department.

Completing this training were the following: A. L. Merrifield, J. T. Russell, Kyle Moore, Bob King, Mike Fotos, V. F. Sturgeon, Milton Cole from Huntington; Paul Adams, Wayne Warren, Ernest Bevins, W. E. Bivens, H. L. Fogle from Logan; H. M. Strong from Williamson; N. J. Baxter, W. R. Dean, D. E. Hoffman, R. J. Smith, C. M. Haley and R. M. Rottgen from the Sporn plant.



Mrs. Jo Ann Crum and her son Jeff display some of the decorative candles she has made as Christmas gifts.

Christmas Candles Both Decorative And Easy To Make; Here's How

Home decorations, especially at Christmas, mean more to the homemaker if she has devised and made them herself. That's what makes Jo Ann Crum's hobby so rewarding at this time of the year. She makes decorative Christmas candles.

Like any hobby, it requires some equipment, some trouble, and some time, but Mrs. Crum feels that the results are worth all of the effort.

Thinking that others might enjoy doing the same thing, she passes on her instructions. Collect old candles or paraffin into a kettle, add crayons or ordinary garment dye for desired coloring, and melt it all down. Regular candle molds are available commercially, but are not necessary. Dedicated do-it-yourselfers can use milk cartons, cans, or similar containers. In any case, as the liquid wax is poured into the container, the candlewick can be suspended in the container from the top. Special wicking is also available, but ordinary string can be used, under certain conditions. It should be soaked overnight in a solution of a cup of water, one tablespoon of salt and two of boric acid, dried, and then dipped in wax.

After the wax has set, you have a candle, but not necessarily a Christmas one. To do the job in a decorative way, Mrs. Crum melts more paraffin and whips it; while

the whipping is still warm and workable, she applies it to the candle in any form or shape her whim dictates.

Candles slip easily from molds after about 30 minutes in a freezer.

Mrs. Crum uses her present output of candles for gifts to friends, and to the teachers of her sons Jimmy and Joey. A third son, Jeff, still at home, helps in the manufacture. She has been at work on this candlemaking hobby for about three years, and it is about to be joined by another. Mrs. Crum is taking a crafts course and learning to use seeds, dried stems and dried flowers in arrangements.

Her husband is J. E. Crum, meter reader in Ripley, Point Pleasant district.

New Arrivals

Bluefield District

MR. AND MRS. JOEL PUGH, a son, Michael Anthony, November 3. Mr. Pugh is division draftsman.

MR. AND MRS. E. B. GREGORY, a daughter, Lori Ann, November 5. Mr. Gregory is a lineman.

Clinch River Plant

MR. AND MRS. WILLIAM H. AUSTIN, a daughter, Dana Elizabeth, October 30. Mr. Austin is a test engineer.

Kingsport

MR. AND MRS. CHARLES H. HAND, a daughter, Eva Mae, November 15. Mr. Hand is a groundman.

MR. AND MRS. EDWIN E. BROOKS, a daughter, Lakieta Lynn, September 14. Mr. Brooks is a groundman.

Pikeville

MR. AND MRS. JAMES PRESTON, a son, James Andrew, November 14. Mrs. Preston is former cashier-clerk, accounting department, in the Paintsville office.

Roanoke

MR. AND MRS. ROBERT WARD JR., a daughter, Melody Lynn, October 23. Mrs. Ward is a former Local Accounting pre-audit clerk.

System

MR. AND MRS. MEREDITH S. CLARKE, a daughter, Belinda Evelyn, November 18. Mr. Clarke is a System Accounting Department employee.

MR. AND MRS. LARRY WALTER CHEESEBREW, a son, Larry Walter II, October 25. Mr. Cheesebrew is employed in the System Operating Department at Sporn Station.

MR. AND MRS. H. D. BREWER, a son, David Baize, October 30. Mr. Brewer is a System Transmission Line Department employee in Bluefield.

MR. AND MRS. J. L. BEBBER JR., a son, Donald Wayne, October 10. Mr. Bebber is a System Transmission Line Department employee in Bluefield.

Toast of Four Decades



Mr. J. V. Pinney and his son, Eddie, demonstrate an unusual toaster. Mr. Pinney called Guilford Smith, Charleston District administrative assistant, to ask if he knew how old the toaster is. A friend had given it to him as a relic, and it is still in good operating condition. A letter to the manufacturer of the Universal model informed that the line, which retailed at \$7.95 was last manufactured in 1926, having been added to their line in 1924. The side next to Eddie has two push buttons which control the racks, which work on a pivot. In this manner, the bread is turned over to toast on both sides.

Two Employees Publish In EL&P

Articles by two employees appeared in recent issues of *Electric Light & Power* magazine.

E. C. Weatherly, maintenance man at Glen Lyn plant, wrote a piece on saving maintenance time by use of a simple relay modification. It permits the coil of an installed relay to be removed without disconnecting the entire relay and all of its wiring.

Another time-saver was described by C. H. Glover of Charleston. Meggering time has been cut in half by the use of Mr. Glover's technique.



Here they are—Coon-A-Bell and Mary Ruth.



Here is Carl Francisco, helper in the system breaker crew out of Charleston, in two poses: inert, and in action. In the right photo he and his hill-climbing motorcycle have just parted company, and he is about to sprain his left wrist. This injury is the worst trouble his motorcycling has caused him.

Spills And Thrills Are Hillclimber's Hobby

There's nothing like a motorcycle, say those who ride them for sport. For instance, ask Carl Francisco, helper in the system breaker crew that works out of Charleston. He will tell you there's only one thing that beats working on a motorcycle, and that's climbing hills on them.

Actually, he hasn't been at it long. He used to hang around and watch his nephew, a brother, and a brother-in-law, in their climbs, but he had never been on a motorcycle in his life. About six months ago he decided to get in the competition himself, so one Saturday night he bought a cycle. The next day he hauled it to Chillicothe, Ohio, on a trailer and rode the hill. "Man!", he recalls, "I was scared stiff!" He spilled on both trials, but he kept at it, and today he competes in any climb taking place close by.

To have a hill climb, first of all, you have to have a hill. In this section of the country there are very few natural hills around which are suitable for this. (There's one at Athens, Ohio). Therefore, most of the hills have been man-made. They are usually about 25 yards wide, and steep; and naturally, have to be cleared of brush and trees. Usually they are about 150 to 180 feet to the top.

Up the Hill

There are about 20 members in the Chemical Valley Motorcycle Club, to which Carl belongs. When the climb begins, there is only one man at a time on the hill. When he is ready to start, he backs up against a log much as a trackman gets set in starting blocks; and within 15 feet (which is equivalent to 3 lengths of a motorcycle), he must get his start. He breaks a string at the starting line, and another at the top. This stops the stopwatch, which times in hundredths of a second. How does he get started in such a small space? He says he puts the cycle in first gear and holds it wide open, slips the clutch a little, lets it go, and he's off.

Very often Carl is off, literally, in less than a second, as he was in the nearby picture. He was going about 40-45 mph when the camera recorded his spill. He suffered a sprained left wrist on this occasion (September 21). This is the worst injury he has received in any of his rides.

Too Steep to Walk

Carl can't tell you the grades of the hills he climbs; he can only tell you that some of them are so steep that a person couldn't climb them on foot without using hands.

Hillclimbs are fairly seasonal, so in the wintertime, riders keep in practice with mud and snow runs. They lay out courses with arrows,

which lead them through woods, creek beds and mud holes. Their only protective equipment consists of a helmet and boots. Some of them wear rain suits. Often a course will run through a farm or places where there are barbed wire fences. Then the driver must dismount and drag his cycle under the wire to continue. These and other obstacles are purposely selected just to keep the runs from becoming a bore.

One thing Carl likes to point out: "We don't like this black leather jacket, roughneck image a lot of people have of us . . ." he says, "We donate a lot to charity—to the crippled children's hospital and the boys' camp. We have one climb every year in which we donate the entire proceeds to a certain charitable cause." (Revenue comes from charged admission and concession sales.) We have a high calibre club and we just like motorcycles, that's all!"



Winner

Jimmy Crews, Bluefield division engineering, and a former football star at Emory and Henry College, was coach of the Bluefield (Va.) Lions Club midget football team, and led the team to an undefeated 7-0 record, including the championship game.

Weise Promoted In System Station

Charles O. Weise has been named regional chief dispatcher at Kanawha station, moving up from assistant.



Mr. Weise

He joined the company in 1936 as operator at Marmet hydro plant. He was transferred to the system operating department in 1952 and became station operator at Kanawha station. In 1955 he was promoted to regional dispatcher, and to assistant regional chief dispatcher in 1957.

Mr. Weise is married and lives in Charleston. He has two sons.

Employee's Wife Hostess To 800 In Bowling Meet

Mrs. Roberta Humphrey, president of the Ashland Women's Bowling Association, was hostess to 143 teams as Kentucky's Women Bowlers rolled the 1963 State Tournament.

Bo, who is the wife of Ed Humphrey, Ashland distribution engineer, was able to capture no trophies for herself during the tourney. This is quite unusual for Bo Humphrey who can really stir those pins up. Ashland bowlers suspect that running a tourney of over 800 girls competing in team events, singles, doubles and all-events occupied most of her time. As evidence of Bo's ten-pin talent, they point to her winning the State W. I. B. C. Award for the highest single game (actual pins) rolled during the '62-'63 season—a mere 276 pins. That's good evidence.

New All-Electric Apartment Building, Sub-Divisions Build Charleston Load

Construction began October 15 on another all-electric apartment building in Charleston. This 7-story contemporary design building will rise at the corner of Kanawha Boulevard and Brooks Street. The 54-unit building will have off street parking provided at basement and first floor levels, will be air conditioned and have 24 apartments with outside terraces. It will be built of reinforced concrete with an outside brick surface. It is estimated that it will be completed in 10 months. E. L. Harris and Son, Inc., will be general contractor and the total investment is expected to approximate \$1-million. Just across the river from this site, Imperial Towers is being constructed, another luxury total electric apartment building.

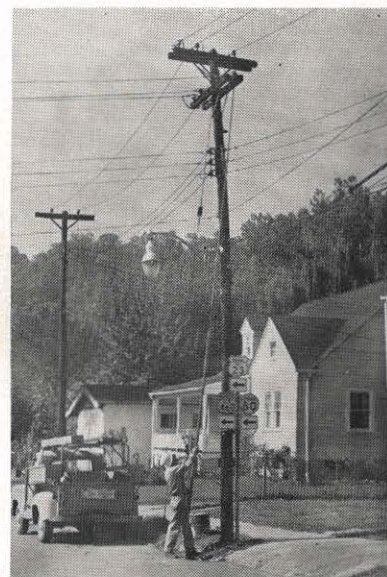
Other developments in the load-building field in Charleston:

The first all-electric sub-division in the division with underground service is Benson Park, a beautiful Gold Medallion sub-division, located just north of Charleston off Elk River Road. The developer is Raymond Adkins. On September 15, approximately 2,000 persons visited the site, and inspected a brick and frame-split-entry, Gold Medallion home of contemporary design featuring radiant ceiling heating, unusual lighting effects, and "Full Housepower" wiring.

Seven houses have been completed and sold and the sub-division will accommodate 60 additional homes, selling in the \$22,000 to \$35,000 price range.

A two hour on-the-spot remote radio broadcast was conducted over a Charleston radio station during the open house showing.

Nine brick, three-bedroom all-electric homes were shown in the Lilly sub-division on Coal River Road near St. Albans. Nearly 2,000 persons visited this showing, during which three homes, featuring radiant ceiling cable, were sold. Lilly builders have completed 17 all-electric homes in this sub-division and plan to start additional construction soon.



Electric Shovel Takes 13-Ton Bite In Strip Mining

An electric, 550-ton shovel takes bites of 13 tons at the Glenn Brooke Coal Company's strip mining operation on Joes Creek in Boone County. The work is being done on a 5-block seam of coal in a tract of 2,250 acres. Even with the huge bites it is estimated that it will take 5 years to strip this land.

The giant machine is powered with a 700 HP, 4000-volt motor, which drives 5 DC generators, supplying power to various similar motors on the shovel. It has a crawler type carriage with a travel speed of 1 1/2 MPH. The shovel was shipped in on 20 freight cars and assembled on the job site by mechanics from the factory. It is equipped with floodlights so it can operate day or night. The operator works in comfort, in an adjustable cushion seat. For warmth, he has a 3 KW electric heater, making the shovel an all-electric installation.

It was necessary to construct 3 miles of 46 KV line and install a 1500 KVA substation to supply power for this operation. There are 7,000 feet of multi-conductor cable running from the substation to the shovel. Lying bare on the ground, the cable is protected through a ground resistor rated at 50 amps which is set so that the greatest current that could be contacted by an individual would be limited to 90 millivolts which is harmless to a person. Wires and pipe frameworks were built to suspend the cable at road crossings to prevent crushing by heavy equipment.

Eugene F. Eager, division power sales engineer, assisted by P. A. Denny, general manager of the coal company, is designing the entire operation.

High Kick

This kick almost didn't come down. F. E. Phillips, Pikeville lineman, uses a telescoping hot stick to rescue a football from its resting place between pole crossarms. Like kites, footballs are best left in pole structures for experienced power company people to bring down; rescue here is no job for an amateur.

Pulverizers Lead Bowling League

Charleston's Kilowatt Bowling League rolled the last night of the first quarter Friday, October 25.

Leading the Systematics by one-half game were Cabin Creek's Pulverizers in top place with 15 wins and 9 losses. Three other teams were only one game behind the Pulverizers, the Line-Tamers, Engine-Ears and Live Wires.

Bill Bostic's performances dominate the list of individual standings. He leads the league with a 171 average, his 244 game and 572 series are highest to date in actual pins and his 272 game is high in the handicap division. Cliff Flannery's 703 is high series with handicap. (He rolled 571 actual.)

Chris Mitchell is high in all categories for the women with a 152 average, 184 game, 522 series and 234-660 in the handicap section. The first half will end December 27.

All-County



Two of the three East Bank High School football players chosen on the 1963 All-County team are sons of employees. At left is Gerald Goode, 180-pound fullback, son of Leroy Goode, Charleston district line foreman. A senior, he was the leading vote-getter in the county for fullback; scored 77 points, fourth best in the county, and is also an outstanding baseball player for his school and for the American Legion. At right is Leonard McKinney, whose father is transformer maintenance mechanic at Cabin Creek plant. Also a senior he has been a regular offensive guard for two years, and plays linebacker on defense; he weighs 207 pounds.

Bowling Officials



Discussing an invitation to a forthcoming Appalachian bowling tournament to be held in Montgomery, West Virginia, the new officers of the Ashland Employee's Bowling League seem eager to join battle with teams from Kentucky Power's sister companies. They are, from left, Donnie Bryan, secretary; Marsha Harrison, treasurer; Wilbur Slone, president, and Carl Burner, vice president. The league has eight teams.

Israeli Man Studies Appalachian Workings

You would think that a person called to spend eight months abroad on three days' notice would tend to keep looking over his shoulder to see what he has forgotten.

This is not the case with Mr. and Mrs. Paul Schaffer, visitors in Roanoke last month from the Israel Electric Corporation. One has the feeling, in the first place, that this calm and efficient couple would never forget anything; and even if they did, it would not affect them or their work in the least. Mr. Schaffer is the kind of man who counts the day well-spent if he ends it with his notebooks bulging; Mrs. Schaffer is satisfied with the day if he is satisfied, but feels a touch of impatience that she has so much to do, and so little time.

He spends his days with utility people, observing, learning, asking questions; she spends hers writing letters, and visiting with old friends. (For such is her disposition that anyone who meets her, automatically becomes an old friend within moments.)

Roanoke is one stop on a long itinerary planned by Mr. Schaffer's company. He was named last August to head the distribution department, and his company wanted him to become acquainted with the latest techniques and thinking of modern electric utilities. Appalachian was one of those selected, and the Schaffers' visit to our company was something of a reunion. During his three-month assignment in Israel two years ago, Joe P. Gills, Appalachian vice president and general manager, worked with Mr. Schaffer and came to know the family well.

First U. S. Visit

The trip to the United States is the first for both, although they have a cosmopolitan background. Mr. Schaffer was born in Vienna, and moved to Glasgow a year or two before Hitler came to power. He studied in the Royal Technological College, attached to the University of Glasgow, and earned a degree in electrical engineering, and then joined the faculty.

Mrs. Schaffer was born in Russia. Her father, a rabbi, moved his family to Belfast when Mrs. Schaffer was nine, and to this day she speaks English with a decided Irish flavor. She studied at Glasgow, majoring in literature, met Mr. Schaffer, and married. He had been, since youth, an ardent Zionist, and after the war, offered his services to the country then still known as Palestine. The family, including two children, moved there in 1947.

Independence

The next year came independence and a new name, Israel. The population was about 700,000; since then, it has exploded to about 2,500,000 with immigrants from 81 different countries. The country has absorbed, educated, housed, and put to work all of these people, and Mr. Schaffer says, only half of the habitable land is occupied. The growth prospects for the future are staggering. What the past growth has meant to an electric utility can be imagined, and it is only because the Israel Electric Corporation enjoyed a high state of technical excellence that the system was able to meet the demands put upon it. At the present time it has a capacity of 560,000-kw;



Mr. Schaffer, center, learns about the Roanoke underground system from J. W. Faucette Jr., line inspector, and Winfred Hart Jr., senior station engineer, right.

a 125,000-kw unit is in the purchasing stage, and a 250,000-kw unit is projected within the next four years. All power plants are oil-fired, and most of the oil comes from Persia.

The distribution work differs from U. S. systems. For example, no line is worked hot. Any work, transmission, distribution, or even a service connection, means an interruption. Mr. Schaffer intends to change all this, based on his experience with Appalachian and with utility and manufacturing companies in Michigan, Missouri, California, British Columbia, Washington and New York.

Different Problems

Israel Electric has problems that Appalachian, for example, doesn't have. In a country 400 miles long from north to south, there is a wide range of temperature (but the coldest it gets is about 25 degrees). There are mountains, fertile valleys, desert, and a long shore on the Mediterranean. "Salt spray is carried inland farther than you would think," says Mr. Schaffer, and

constantly attacks the company's metal structures. The topography ranges from a height of 4,000 feet to the lowest spot on earth, the Dead Sea, 1,300 feet below sea level. Further, because of the political situation with Israel's neighbors on all sides, Israel Electric has no interconnections. Israel's only window on the world is through the Mediterranean, and through it by mail and in person must come the technical information and know-how to run the nation.

Load—Building

The economy, growing all the time, now permits such load-building luxuries as air-conditioning. Before, everyone was working to build a country, and did not allow themselves to be distracted from that purpose. Now, there is even some promotion of electric heat. It's an exotic kind: cable under tile flooring to take the chill out of the nights between October and April.

While Mr. Schaffer works with the electric utility, Mrs. Schaffer works with Israel's greatest resource: her youth. With a background in literature, she is tutoring students in Shakespeare, using her home overlooking the Mediterranean in Haifa—a city already ancient when Shakespeare was born—as a classroom. Hebrew is the national language, but English is a required class for children from the age of ten; and they must read Shakespeare in English. This is roughly equivalent to American children reading the plays of Racine in French in the third or fourth grade. Shakespeare even in English, many agree, can be tough. To ease the way, Mrs. Schaffer wants to paraphrase the plays, beginning with *Julius Caesar*, into Hebrew. And when they told her in Haifa that she was going off to America for eight months in three days, she thought it would be an excellent opportunity for this task. But so far, "not a word," she says with a wry smile; "I'm enjoying your country and its people far too much; live people are preferable to plays."



Mr. Shaw

Hydro Veteran Retires Early

Earl Lawrence Shaw, operator at the Byllesby-Buck hydro plants, retired November 1, 1963, on early optional retirement due to disability.

Mr. Shaw completed his forty years of service on July 25, 1963. When he was employed in 1923 he worked at Wytheville, in the Pulaski district, as a lineman. From 1925 to 1941 he did line maintenance work and service work in Jewel Ridge, Bluefield, Richlands, Mullens, and Haysi. He moved to the Byllesby-Buck hydro operations in 1941 and has been an operator there since 1943.

Prior to his Appalachian employment, Mr. Shaw worked from 1916 to 1923 with the Western Union Telegraph Company, Bluefield, as a lineman.

He is a native of Columbus County, North Carolina, is married and has four sons and a daughter.

The Shaws plan to make their home in Radford, Virginia.



Visiting, enjoying the people and places, and letter-writing have so far kept Mrs. Schaffer from her intended task of paraphrasing Shakespeare into Hebrew.

William Hess Closes Appalachian Career That Spanned Four Decades

W. V. "Bill" Hess, working foreman, Charleston, retired December 1, after working for more than 41 years. He started out as a boy of 16 at Tomsburg on Paint Creek. That was in the spring of 1916 and he left the company in 1919; he came back in 1922, and remained ever since. In those early years with Appalachian, he helped clear right-of-way, and was involved in changing the first insulators on the transmission line from Cabin Creek to Beckley, working with a stationary test set.



Mr. Hess

His work took him to Burnwell, Gamoca, Gauley Bridge; he worked on a station, patrolled, and repaired. He was a troubleman in general. In 1932 he came to Montgomery, and in 1957 to Charleston. Neither he nor anyone who worked under him had a lost-time accident.

Actually, he has been planning on retiring early (he is 63) for about a year. He wants to retire to the all electric brick bungalow he has built on Murray Lake, a few miles from Columbia, South Carolina. The fishing is good, he says, and he plans on building three or four cabins there. Mr. Hess invites his friends and co-workers to come down and stay a while where the fishing is good. He says lodging won't cost them anything, but they will have to buy their own groceries. His wife didn't like the water at first, but that's changed and they are looking forward to living on the lake. He has a son, 21, Leland, who lives with them.

Mr. Hess has five children and eight grandchildren, and he says he has a lot to do to get ready for all of them to be with him in South Carolina for Christmas. He worked his last day Friday, November 29 and immediately after work, started driving for Murray Lake, his furniture already having preceded him there.

Mr. Hess is a member of the Coal Valley Lodge 74 Masons, AM&FM,

and Montgomery Chapter 47, Royal Arch Masons, and has worked through the chairs in the Blue Lodge. He is a past deacon and presently a co-deacon of the Kanawha City Baptist Church.

Looking backward, he says his whole career has been pleasant and he couldn't have picked a better place to work. He would advise any young person, beginning with our company, to join and stay put. We have a good retirement plan, but he says, he would advise a young person to not break up their service as he did in 1918 or 1919. Otherwise he would be wearing a 45-year pin with another year to boot.

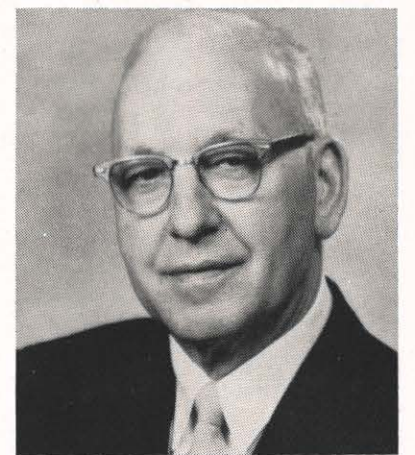
C. D. Weight Retires In Ashland As Assistant To General Manager

C. D. Weight, assistant to the general manager, Kentucky Power Company, retired December 1. He had completed more than 34 years of company service.

Mr. Weight joined Appalachian in Roanoke in 1929 as clerk in the accounting department, handling A. R. M. accounts for Kentucky & West Virginia Power Company, Kingsport Utilities, and for Appalachian. In 1939 he was transferred to Ashland as chief clerk and tax agent. He became assistant general office manager in 1945, and was promoted to assistant to the general manager in the following years.

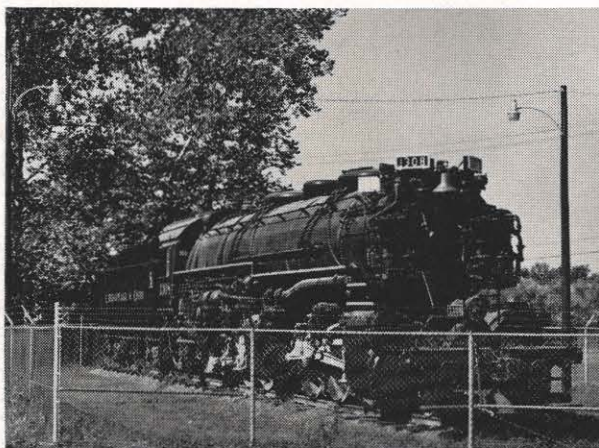
Soon after moving to Ashland, Mr. Weight became an active member of the community. He is a member of the Lions and of local and state chambers of commerce, of the Ambassadors Club, and the National Tax Association. He has held various posts in the course of his work with the First Methodist Church, and is presently on the board of trustees. Even with such a busy life, Mr. Weight finds time to fish, garden, and read.

He and his wife have two daughters, two sons, and nine grandchildren. Although he is a native of Pennsylvania, Mr. Weight considers himself to be a Kentuckian, and will continue to make his home in Ashland.



Mr. Weight

Iron Horse To Jet Age



From the day of the iron horse to the day of the jet, the dusk-to-dawn automatic light can do the job, as two installations in the Huntington district prove. At left is a steam locomotive presented to the city of Huntington by the Chesapeake and Ohio Railroad,



and displayed in Ritter Park; close by the left side drivers, a dusk-to-dawn light. At right an F-86 jet fighter in Milton, gift to the town from the Air Force through the efforts of Congressman Ken Hechler; just a few feet away, a dusk-to-dawn light.