

Cook Looks To Future In Address To Management



More than 300 attended the Management Meeting at Oglebay Park.

Jack Lloyd, Appalachian Area Development Director

(In "Men, Markets, and Motivation," Lloyd offered taped comments by three persons knowledgeable in community and industrial development: Edwin E. Holm, director of research, Virginia Division of Industrial Development; Dr. Thomas J. Coyne, chairman, Department of Economics, Marshall University, and Dr. Alfred T. Swinyard, associate dean and director, Bureau of Business Research, University of Michigan.)

"The major point these three gentlemen made confirmed our own observation, and re-emphasized the things that must be done to compete effectively for economic development on the AEP System.

More excerpts from Management meeting talks and related stories on Page 2.

Time and again the point was made that we must have developed land available for industry, and that we must be able to identify development opportunities of all kinds.

"Urban renewal is another type of industrial opportunity. Twenty-four System communities now have projects in varying stages of planning and execution, all representing great revenue potential.

Another: "In the coming years we will witness a tremendous growth in the medical, insurance, finance, recreational, distribution, and research and development industries. These are clean, attractive, high-income paying businesses. We should begin now to orient our most attractive communities with good transportation outlets to these expanding markets."

E. C. Rankin, Appalachian T&D Manager

"By assigning to the operating companies the responsibility for design of 69-kv stations, Service Corporation people will not only be able to get out the higher voltage and more complicated design jobs quicker than before, but they will be allowed more time, with the possibility of improvement in the quality of design in this work. In the past they were overwhelmed with the sheer volume of work in station jobs.

"In Appalachia we are approaching this new design activity with enthusiasm, and intentness of purpose. We believe it is a move in the right direction and that it will expedite design work at all levels.

A. W. D. Gronningsater, AEP Tax Counsel

"Our total net taxes in 1967 were almost \$95.4-million. This compares with net income for common stock in 1967 of a little over \$94.1-million. Taxes are still our largest single operating expense.

"Our total state and local taxes, including taxes charged to construction or billed to us by others, were almost \$44.5-million."

The Illuminator

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

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December, 1968

AEP Will File Brief On C&SO Acquisition Bid

With hearings before the Securities and Exchange Commission now completed, the next step in American Electric Power Company's effort to bring Columbus and Southern Ohio Electric Company into the AEP System will be the filing of a brief with the SEC, summarizing its position. The brief is to be filed by December 24.

Donald C. Cook, president, so reported in response to a question at the AEP System's annual management meeting last month.

Upon filing of the brief, he said, the SEC staff will then have until January 27 to determine its recommendation to the Commission itself. If the recommendation is favorable, Mr. Cook said, it is possible that there will be a final SEC decision by late Spring or early Summer. If not, he added, such a decision might be delayed until late 1969.

AEP and C&SO first announced their agreement covering the acquisition last January 22.

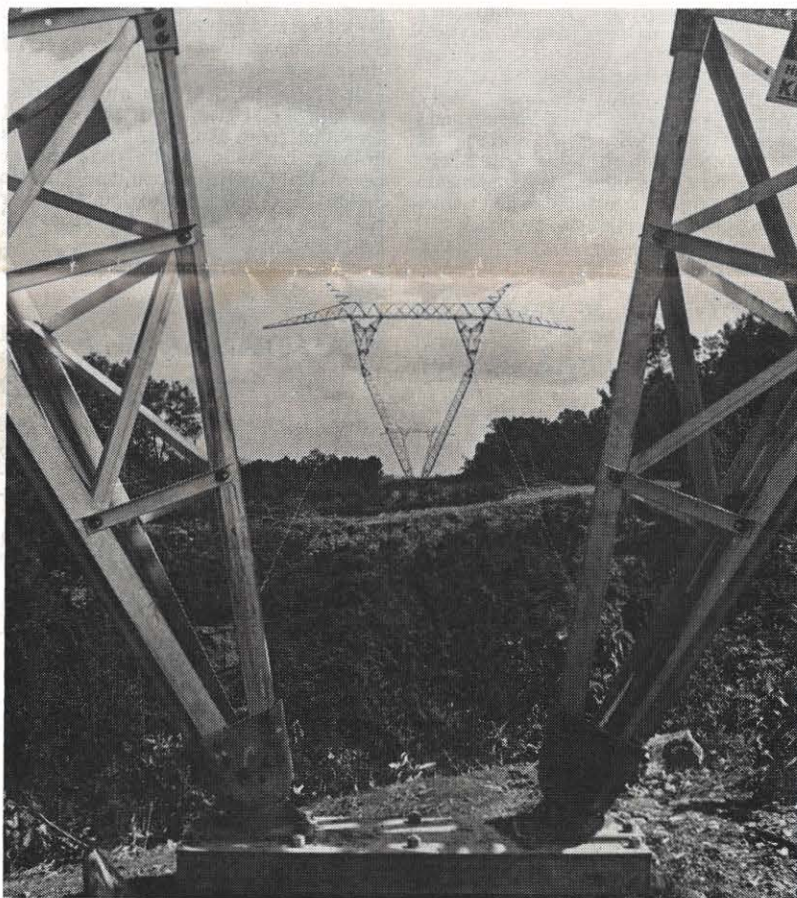
World's Highest Voltage Power Line

Work Progressing On 765-kv Project

Work continues to progress on the world's highest voltage power line—the 765,000-volt system being constructed by the AEP System. Work is well under way on three segments of the line in the area served by Kentucky Power and Appalachian.

The 1,050-mile extra high voltage line is being built across five states served by AEP, and will cost \$200-million.

Towers are up on the segment which runs between Baker substation in Kentucky, near Big Sandy plant, to Marquis substation of Ohio Power. In mid-November Irby Construction Company of Jackson, Mississippi, was planning to cross the Ohio River with the line. All conductor has been pulled out, and conductor spans are being installed at Baker.



Towers In Virginia Ready For Lines

On another segment, totaling 125 miles from Baker to Broadford substation near Saltville in Smyth County, Virginia, towers are being erected at the extreme northern end of Virginia and foundations for towers are being installed near Baker.

Hoosier Engineering Company of Columbus, Ohio has pulled out eight miles of conductor from Broadford, and 152 of the total of 447 towers on this segment have been erected.

Meantime, grading is complete on the 138,000-and 765,000-volt yards of Broadford substation. Foundation work is under way on the 133-kv yard, and will begin soon on the 765-kv yard. A 500,000-volt yard will be built later. This substation will cover 274 acres.

On another segment, also being

built by Hoosier, the biggest percentage of the right of way has been cleared for the line running from Baker to Kammer and Mitchell plants near Moundsville, West Virginia. Both are Ohio Power plants. Tower and guy anchors are being installed for this line.

The 765,000-volt grid was in the planning and development stage for five years before its announcement in the summer of 1966. It is being superimposed on the AEP System's existing transmission network and will serve as the backbone carrier of bulk power supply for the System's seven operating companies.

To give an idea of the size of the new line, one 765,000-volt line can carry almost 4 times the power of a 345,000-volt line, or is roughly equal to 36 lines of 138,000 volts.

The American Electric Power System of 1978—ten years hence—will be a \$4-billion, 20-million-kilowatt supplier of electric energy. By 1988, it will be an \$8-billion, 40-million-kw system.

President Donald C. Cook forecast such a future for the company in his remarks which closed the 22nd annual AEP System Management Meeting, held November 12-14, at Oglebay Park in Wheeling, West Virginia. Approximately 325 attended.

He said that the System's present generating capability—the result of more than six decades of growth—"will have to be duplicated in magnitude within this first short 10-year period, and then that cumulative total will have to be duplicated again in the following 10-year period." Similar expansion of the transmission system and other facilities will also go forward.

"We are operating in a set of social-economic relationships that grow increasingly complex with each passing year," Mr. Cook said. "The impact of decisions and actions of a national or international character must inevitably influence both our personal and corporate affairs. With the expansion of the population, the 'shrinking' of the world through communication and jet-age travel, proliferation of multi-layered regulation, and the strivings of numerous majority and minority groups, we face a rapidly and sometimes violently changing environment which necessarily affects our attitudes, decisions, and actions.

"Many of the same elements that we see at work in the nation generally are strongly influencing our own operations, and our plans for the future as well. The growth in population and in energy utilization requires us to take action that will result in doubling the size of the System, in terms of capability and energy sales, in the next 10 years and probably again in the 10 years after that. This is a growth concept which we have had for many years, but it is still not fully appreciated.

"The people who manage and operate the System today must prepare themselves for the management and operation of this 1978 System—a System with vastly increased customers, facilities, and employees and with vastly increased problems as well," Mr. Cook said.

"The job we have to do in the years ahead is thus a very large one," he concluded. "It is important, however, to look at the job not as a burden or as involving insurmountable problems but, rather, as creating and presenting opportunities and challenges for further technological development, improved procedures, and expanded responsibilities and rewards for all of us."

In his opening address, two days earlier, President Cook forecast an extension of the Federal income tax surcharge beyond its present expiration date next year, "both because of a booming economy and the extremely large Federal deficit that otherwise would face the new Administration for fiscal 1970."

Turning to the state of the health of the AEP System, he said that AEP industrial sales this year are expected to total 29.5-billion kilowatt-hours, an increase of about 8.9% over 1967. Commercial sales will be close to 5-billion kwh, an increase of more than 10%, while residential sales are estimated at 9.2-billion kwh, up 8.7%. Contributing to the latter gain is a larger-than-anticipated increase in residential electric heating installations—20% in contrast to the company's goal of 17%.

In the field of technology, Mr. Cook said that the System's generation and transmission requirements had been projected on a broad conceptual basis through 1990. As part of this projection, AEP has initiated "a program to study the next higher transmission voltages—probably 1-million to 1½-million volts—which will be required before the end of this period." He added that AEP was working on a comprehensive study and review of its land requirements, for sites for power plants, substations and transmission lines, "for at least the next 20 years".

The Illuminator

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Christmas Began When A Child Was Born

A century and a half ago and more men followed with anxious hearts the march of Napoleon and waited with feverish impatience for news of the wars. And all the while babies were being born.

But who could think of babies? Everyone was thinking about battles. Yet, midway between Trafalgar and Waterloo there stole in the world a host of heroes. Gladstone was born in Liverpool; Tennyson at Sommersby; Oliver Wendell Holmes in Massachusetts, and in the same year, Charles Darwin and Abraham Lincoln drew their first breaths.

But no one thought of babies for all were thinking of battles. Yet, which of the battles of 1809 mattered more than the babies of 1809?

We may sometimes feel that God needs battalions to manage His world when all the while He is doing it with beautiful babies and so when a wrong needs righting or a truth wants preaching or a whole continent needs opening then God sends a baby into the world to do it.

James B. Henry, AEP

Associate Chief Counsel

"Let's take a quick look into the future.

"During the first session of the 91st Congress we can expect the Federal Power Commission to press for the enactment of its so-called 'reliability bill' or some variation of it. We can also expect further activity on the part of municipalities and co-ops to gain by legislation what they have not been able to achieve by their own efforts: an ownership interest in the newest, largest, and most efficient generating stations that the technology and investment of the investor-owned companies have made possible. Control of so-called 'thermal' pollution will no doubt receive additional consideration from Congress, as will matters relating to air pollution. With increasing attention being paid to the effect of utility facilities on the scenic environment, we can expect some Congressional activity in this area too.

"At next year's Management Meeting we hope to be able to report to you that we have received an FPC license for Blue Ridge, and SEC approval of our acquisition of Columbus and Southern Ohio Electric Company."

G. P. Maloney, AEP

Controller

"Internal cash available for construction purposes will be approximately \$100-million per year, or more, during the next five years. As a result our external financing sources must provide, on the average, about \$280 million per year during this period.

"A financing program of this magnitude, far in excess of anything ever experienced on the System, has important implications for all areas and functions of the company. The implications for engineering, design, construction, and operation are profound, because these huge amounts of capital are rapidly being transformed into productive facilities which will increase the System gross investment in utility plant by more than 70 per cent in the next five years.

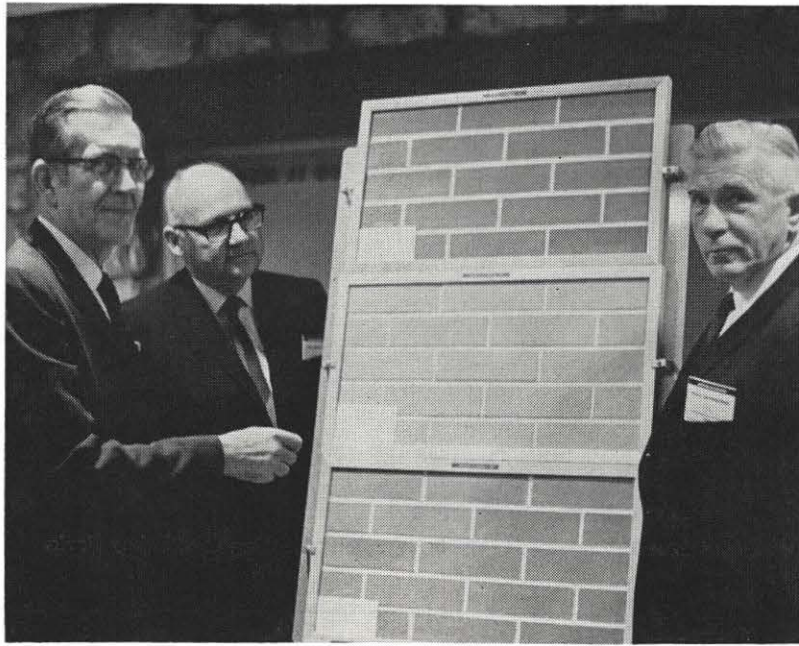
"It is important to remember that these construction expenditures are based on projections of vigorous load expansion. The important point is that these major challenges are all related to System growth and expansion; and the problems of growth are, I am sure, those which we all would prefer to have facing us—particularly when we consider the alternative."

Management Meeting

(Continued from Page 1)

George Theis, AEP

*Administrative Assistant,
Executive Vice President*



Plant managers (from left) H. C. Skaggs, Kanawha River; T. W. Abolin, Clinch River, and P. T. Schneider, Cabin Creek, look over fly ash brick from Kanawha River plant. The fly ash brick was one of the displays at the Management Meeting.

"Over the past two years we have authorized about \$8-million to buy suitable sites, construct and furnish new office and service buildings. During the next two years we expect to work on another 32 major projects. So you can see that we are in the building business in a substantial way, even though our office and service buildings represent only a little more than 1 per cent of our total annual construction budget.

"Today's program for the replacement and modernization of office and service facilities differs in many respects from our past practices. I cannot emphasize too strongly the need for greater selectivity in the purchase of sites. We need sites that can accommodate a whole operation at one location; we need sites that will accommodate not only our present complement, but our needs over the next 10 and 20 years. After all, we expect to be in business for a long time. Desirable land will not get any cheaper in our expanding towns and cities, and we must act wisely in securing the sites we need for the foreseeable future."

H. C. Barnes, AEP

Assistant Vice President

"Our expectation is that at least the first 765,000-volt line (between the F. M. Baker and Don Marquis Substations) will be ready by February 1 to do its part in the transmitting the output of Big Sandy Plant Unit 2. The second line may be delayed until September 1969, and the third should be ready on schedule February 1, 1970. The remaining program, continuing into 1972, should be on schedule.

"Actually this progress is rather amazing in view of the many possible sources of difficulty present in the initial stages. There have been difficulties both in material supply and in construction. Many of these difficulties can be attributed to the first-of-its-kind nature of 765 kv. For example, tower fabricators had some difficulty with designs... construction was further delayed by misfabrication of several of the myriad of parts.

"The stations are coming along in good shape. Here again we had annoying problems of misfabrication and spasmodic delivery, but these have smoothed out and things are moving nicely at this time.

John Dolan, AEP

*Vice President,
and Chief Engineer*

"I recalled the phrase about 'the perils and profits of pioneering', and I frankly wondered if the profits were matching the perils.

"How then is it possible to minimize the perils and realize the maximum of profit? Our experience (with large generating units) tells us that certain steps can and must be taken.

"To achieve an improvement in the availability of new large units, it is first necessary that we have a realistic program of expansion and that consideration be given to both the economy of size and the state of the art of equipment development.

"We must also lean to the conservatism of design, particularly in cases of large size extrapolations. We must provide the required design parameters to meet changes in operating parameters, such as an increase in the ash content of the fuel.

"We should require and participate in the pre-testing of new equipment, or where large size extrapolations have been made.

"We must intensify our efforts to improve the quality control of equipment for both the fabrication and the erection phases, and to develop checks or tests to prove quality prior to operation.

"And last, we must provide for both adequate operator training and the proper maintenance of all equipment to forestall outages caused by errors or omissions."

Soviet Affairs Specialist Touches On Vietnam, Nixon Administration

The Soviet Union has no interest in helping the U. S. liquidate the Vietnam war, because it has been too profitable to Russian ambitions.

That was the view expressed by Leon Volkov, Soviet specialist for Newsweek magazine, to the AEP System management personnel at their meeting last month.

Because of the war and its distraction of U. S. interest and strength from Europe, "Russia has gotten in where she has never been. In Pakistan, Iran, the Middle East, and Eastern Europe, the war has been profitable to Russia," he reported.

Mr. Volkov, who helped Richard Nixon prepare for his trip to

Moscow in 1959, and has consulted with the President-elect on Soviet matters before and since the election, looks for changes in the relationship between the U. S. and Russia after the inauguration.

The Nixon administration, he believes, "will deal with Russia in a businesslike fashion, on pragmatic grounds." Nixon will find out just what kind of bargains can be struck between the two nations. "We have several pressure points we can use," said Volkov, "Iran, Israel, and Greece, among them."

Mr. Volkov believes the recent Russian adventure in Czechoslovakia profoundly shook the intellectuals and artists in the Soviet bloc.

"The danger was not to Russian security, as the Russians claimed, but to the Soviet leadership. The Czechs represented a movement of young moderns to deliver on the promises Marx made. In the past 20 years, socialism has become what capitalism was in the last century. What Dubcek wanted was to bring socialism up to 1968.

"If he had succeeded in his economic reforms, then Russian leadership would be under heavy pressure in Russia to dilute power. The leadership wants power, and doesn't submit itself to voters. Therefore, it could not tolerate any change in the system," he said.

"The Czech affair proved that Russia is a mighty power, able to move 650,000 men swiftly. But 650,000 men didn't crush the Czech spirit; and because of that, Russia was for the first time exposed to the truth that force is no longer applicable. It is unimaginable—but it happened—that the Czechs on November 7, the high holiday of the Soviet world, burned Russian flags in the street, and that the Russians did not dare to react.

"In the face of that defiance abroad and disillusionment at home, freedom will surely come," he concluded.

T. T. Frankenberg, AEP

Consulting Engineer

"New pollution control laws have many effects on our business. They establish new positive criteria of performance for new plants on the System, and we have taken care to insure that all new AEP plants meet or exceed the stipulated requirements. A very sound reason for exceeding state requirements is that, under the Air Quality Act, the states' air pollution control regulations are subject to review by the Secretary of Health, Education, and Welfare—in effect, by the National Air Pollution Control Administration. It is therefore evident that we need to go well beyond state limits whenever a significant change is undertaken."

D. P. Dumont, I&M

Manager, T&D

The assignment to System operating companies of responsibility for complete distribution engineering and planning has significant benefits:

1. We are not just "putting out fires," and we are reasonably ahead of load requirements.
2. We are better able to meet construction commitment dates because of longer lead time.
3. There are no unreasonable delays in securing Service Corporation approval for engineering plans.
4. Planning ahead provides for a reasonable continuity of work load, thereby tending to smooth out the peaks and valleys of construction forces. Budgeting over longer periods is also made more realistic.
5. Performing engineering planning locally provides an incentive for hiring and holding competent and capable engineering talent.

T. A. Miskimen, AEP

Senior Engineer

"In this field of water pollution, what will AEP have to do? And what should we do?"

"1. We will have to plan carefully for water reuses and for waste water control for each new plant.

"2. We will have to use cooling towers for most of the future plants because the very large size of the units now being committed will give very large amounts of waste heat.

"3. We will have to correct each of the present sources of pollution that does significant harm.

"4. We should maintain our right to use public water for all of the uses of the power plant, including cooling; we cannot operate without water.

"5. We should expand our support of research on the effects that our plants have on the ecology of the lakes and rivers."

E. J. Shaver Named Supervisor Of Charleston Division Accounting

E. J. Shaver Jr. has been promoted to Charleston division accounting supervisor. He rises from the position of customer accounts supervisor there and succeeds C. R. S. Garten who died recently.

Mr. Shaver is a native of Roanoke, Virginia. He attended Clemson College in South Carolina, and later earned an Associate Science degree in Business Administration from Virginia Southern College in Roanoke. From



Mr. Shaver

1951 to 1954, he served in the U. S. Navy.

He first started to work for Appalachian in 1957 at Roanoke, and was promoted to local office supervisor in Rocky Mount in 1962.

On September 1, 1966, Mr. Shaver moved to Charleston from Rocky Mount, as customer accounts supervisor, the job he has held until his present promotion. In his new position, Mr. Shaver will supervise the company's accounting functions in the Charleston, Montgomery, Beckley, St. Albans, Clendenin, Oak Hill, and Rupert areas.

He is a member of the First Presbyterian Church in Charleston, and the Charleston chapter of National Accountants Association. He resides with his wife Betty in Charleston.

Changes Affecting Four Men Made In G. O. And Roanoke Accounting

Personnel changes affecting four Roanokers have been made in Appalachian's accounting operations.

J. T. Goggin was promoted from Roanoke division customer accounts supervisor to area office accounting coordinator in the company's general office accounting department.

He was succeeded by E. T. Jones Jr., who was credit supervisor of the Roanoke division.

D. B. Stoner, customer accounts assistant, became the division credit supervisor.

Simultaneously, L. E. Ferguson, area office accounting coordinator in general office accounting, has been named accounting staff assistant, with customer accounting activities.

The moves were effective December 1.

Mr. Goggin, a native of Rocky Mount, joined Appalachian in 1942 in Roanoke. He entered the Army in 1943, and returned to Appalachian accounting in 1946. He was named customer accounts supervisor in 1966.

He is a graduate of National Business College, and is married and has two daughters. Mr. Goggin is a deacon and on the finance board at Central Church of the Brethren, and is past president of the Breckinridge PTA.

Mr. Jones, a native Roanoker, joined Appalachian in 1950. He became assistant credit supervisor in 1954 and credit supervisor in 1963.

Married and the father of one daughter, he is a member of the North Roanoke Baptist Church and Melrose Masonic Lodge. He is a past Jaycee and was president of the Roanoke Association of Credit Men last year.

Rupert Supervisor Moves To Beckley

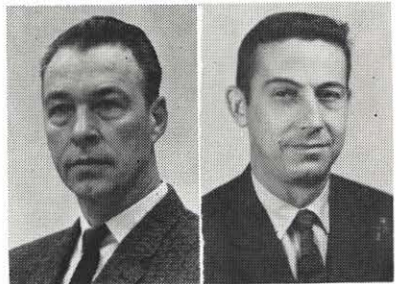
Stevenson Carpenter, Rupert area supervisor, has been promoted to senior electrical engineer and moved to Beckley.

He joined Appalachian June 15, 1959 in Point Pleasant as an electrical engineer. He moved to Charleston in 1961, became commercial sales engineer in 1965, and on January 1 this year went to Rupert as area supervisor.

He is a native of Webster Springs, W. Va. and graduated from West Virginia Institute of Technology in 1959 with an electrical engineering degree. He served in the Marines from 1951 to 1954, and is married and has two sons.



Mr. Carpenter



Mr. Goggin

Mr. Jones



Mr. Stoner

Mr. Ferguson

Mr. Stoner, also a native Roanoker, was employed in 1939. He was head cashier and head meter reader before becoming customer service representative in 1956. He was named customer accounts assistant earlier this year.

A graduate of the Air Force Academy, he was in the Army Air Corps from 1942 to 1946. He attended Virginia Southern and is taking courses at Roanoke College. He is active in the YMCA and United Fund, a past Jaycee, and a member of the Huntington Court Methodist Church. He has two sons.

Mr. Ferguson was employed in 1924 by the Roanoke Railway and Electric Company, Appalachian predecessor. A native Roanoker, he went to general office accounting in 1936 and has been assistant chief clerk, assistant billing supervisor, and consumer billing supervisor. Active in civic and church affairs in the past, he attended National Business College, is married, and has one son and two grandchildren.

Marmaroff Promoted In Engineering Move

Stephen J. Marmaroff has been named staff engineer in the general engineering department, effective December 1, and will serve as administrative assistant to John Tillinghast, executive vice president—engineering and construction. He had been an engineer in the system Planning division.

He joined the AEP service corporation in June 1961 as an assistant engineer in electrical engineering, moved to system planning the following year.

He holds a BS degree in electrical engineering from Cornell, and a master's in operations research from New York University. He is a member of the Institute of Electrical and Electronics Engineers.

Line Crew Saves Ailing Woman

An Appalachian crew in Huntington was credited with possibly saving the life of an ailing woman last month after an explosion and fire at her home in Wayne County near Kenova.

The crew had been working in the field and while passing in a truck saw smoke coming from the home. Grabbing a chemical fire extinguisher, crew members hurried to the house and helped the woman to safety. She was recovering from a stroke and recent back surgery and was asleep when the explosion, apparently from gas escaping from a space heater, occurred.

Although she heard the explosion, she could not leave. The crew doused the fire, called the fire department, and took the woman to the home of some relatives. Firemen said the Appalachian employees may have saved her life.

The crew, headed by Walter Harris, is made up of Raymond Gill, John Browning, Ronald Hill, Gary Cowan, Boyd Thompson, and E. C. Hughes.

New Supervisor Named For Rupert

Curtis C. Willis, Charleston line foreman, has been promoted to the post of area supervisor at the company's Rupert office.

He joined Appalachian in Charleston March 29, 1948 as a line-man, and went to line foreman in 1965.

A native of Beckley, he served in the Army from 1943 to 1946, and worked for two years for Virginia Electric and Power Company in Norfolk.

A hunter and fisherman, Mr. Willis is considered a gun authority and does quite a bit of gun repair and restoration. He and his wife plan to move from Big Chimney to Rupert as soon as possible.



Mr. Willis

Reusens Retiree, F. O. Parks, Dies

Frank O. Parks Jr., retired hydro operator at Reusens, died October 31 after a short illness. He was 67.

Joining the company as an operator at Reusens in 1933, he became hydro operator in 1944 and retired in June of 1966. He was a member of the Masonic Order, a Shriner and a member of the Lynchburg Elks Lodge 321. He is survived by two sisters. Burial was in Hunting Creek Baptist Church cemetery.



Mr. Parks

R. M. Kopper Receives MG&E Directorship

Robert M. Kopper, executive vice president of Indiana & Michigan Electric Company, was elected a director of its sister utility, Michigan Gas and Electric Company, at the latter's annual meeting on October 21. Membership on the board had been increased from seven to eight prior to the election.

Two-Lake Area Growing

Investment in homes and commercial establishments has exceeded \$8.5-million since 1964 on the 600 miles of shorelines of Smith Mountain and Leesville Lakes.

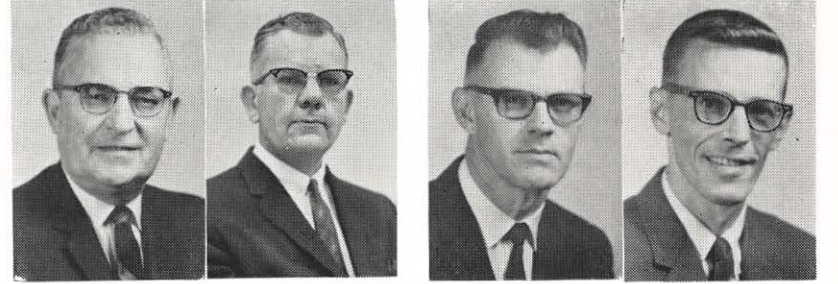
The Roanoke division has just completed its annual survey of economic developments on the lakes, and reports that a 1968 investment by individuals and groups of \$1.6-million was the second highest of the five years since the first investments were reported. Last year's \$2.4-million was the largest.

There are now 765 new homes and 91 new business establishments around the lakes.

The investment figures do not include money spent on building roads, docks, seawalls, launching ramps, beaches, grading and landscaping.

Appalachian distribution lines serve all of the Franklin and Pittsylvania portions of Smith Mountain Lake, and about half of Bedford County. In this service area, 223 of the 480 new homes are total electric.

General Office Accounting Announces Promotions Of Four Of Its Employees



Mr. Jefferson

Mr. Oliver

Mr. Lam

Mr. Law

Promotions of four men in Appalachian's general office accounting department in Roanoke have been announced.

L. E. Jefferson, classification and accounts payable supervisor, has become accounting staff assistant and will devote his time to development of accounts payable procedures for the new computer system which Appalachian is installing.

J. C. Oliver, classification supervisor, succeeds Mr. Jefferson as classification and accounts payable supervisor. N. E. Lam, classification accountant, has been named classification supervisor, and R. C. Law, classification clerk senior, has become classification accountant.

Mr. Jefferson joined Appalachian as a clerk in 1926, and was assistant classification supervisor and invoice and accounts payable supervisor before becoming classification and accounts payable supervisor in 1963.

A native of Roanoke, he attended LaSalle Extension and University of Virginia Extension, as well as the American Electric Power Management Development Course at the University of Michigan. He is married and has one daughter, and is a deacon and elder of the First Presbyterian Church. He is secretary of the Administrative Management Society and a member of Kazim Temple.

Mr. Oliver, a native of Vinton, joined Appalachian as a clerk in Roanoke in 1938. He was head accounts payable clerk before becoming classification supervisor in 1965.

He attended National Business College and the AEP Management Development Course at the University of Michigan. Mr. Oliver is married and a member of Thrasher Memorial Methodist Church in Vinton.

Mr. Lam was born in Rockingham County and joined Appalachian in 1960 as invoice and order clerk. He became classification accountant in 1966.

He attended National Business College, and is married and has two daughters. He is a member of the Cloverdale Church of the Brethren, Troutville Lions Club, and Roanoke Industrial Management Club.

Mr. Law was employed in 1962 as invoice receipt clerk, and was invoice and order clerk before becoming classification clerk in 1964. He was born in Franklin County and attended National Business College.

He is married and has one daughter, and is a member of Belmont Christian Church and the Roanoke Jaycees.

Harvey Clemons, Glen Lyn, Dies

Harvey L. Clemons, retired Glen Lyn plant employee, died October 16 in the Veterans Hospital at Salem, Virginia, after an extended illness.

He joined the company at the plant in 1935 as a utility man and retired in January of 1952. He is survived by his widow, three daughters and five sons. Two of his sons, Dudley and Bobby, are employees at Glen Lyn. Dudley is a unit foreman and Bobby is an auxiliary equipment operator.



Mr. Clemons

Sporn Plant Vet Taken By Death

Paul E. Scally, 63, personnel supervisor at Philip Sporn plant, died November 13 after a long illness.

He joined the company March 3, 1941 as chief watchman at the Windsor plant of Beech Bottom Power Company. He later became chief of the guards and safety supervisor, and on June 1, 1949, went to Sporn as personnel supervisor.

A native of Wheeling, he worked for Wheeling Steel Company in safety and first aid before joining the AEP System.

He is survived by his wife, a daughter, and a son. Funeral services were held in Martins Ferry, Ohio, and burial was in Union Cemetery in Smithfield, O.



Mr. Scally

E. C. Whately, 40, GO Station, Dies

Edward Calvin Whately, 40, died November 18. He was control wireman in the general office T&D department.

He was employed in the substation department June 14, 1948 as a utility man helper and was promoted to control wireman February 1, 1953.

His brother, C. E. Whately Jr., is employed in the GO station department. Mr. Whately is also survived by his widow, three sons, and a step-daughter.



Mr. Whately

Christmas Idea: The Electric Fireplace



A wood-burning fireplace which is fireproof, easy and economical to install, requires no logs, has no chimney, lights instantly, heats the room? Impossible. Or, it was impossible, until someone came up with the electric fireplace, the newest nice thing to give for Christmas. They can be purchased at building supply or hardware stores, and they operate on 220 or 110 voltage. When you buy one, you get artificial logs, strip heaters, blowers, a noise maker which simulates crackling fire, and an incense burner which'll make you swear chestnut

logs are burning. They can be installed on walls, or, in some models, in a corner. They come illuminated with a light and rotator behind the logs, and come in various colors adaptable to any room decor. The nice thing about the fireplaces is they can be installed in any room of the house, just so you have a little wall space and an electric outlet. This idea for a flameless all-electric fireplace for Christmas came from Huntington, where three families show you they do enjoy their electric fireplaces. At

left are Nola and Monica Jo Ferguson, daughters of C. H. Ferguson, residential and rural sales development representative, with a black wall-mounted fireplace in their family room. In center, Paul R. Baker, and his wife, Jeane, with their month-old granddaughter, Marney Raymond, and their cat enjoy their antique white fireplace. Paul is power sales engineer in Point Pleasant. At right, Jo Ann King, wife of R. A. King, administrative assistant, has a corner model in her new total electric home.

International Wedding



It was a wedding with an international flavor when Judy Speas, daughter of R. W. Speas, Roanoke division hydro supervisor, was married to Michael Guy, of Canada, at Taiping, West Malaysia. The

wedding took place August 16. Both are missionaries in Malaysia. Judy's sister, Betty Speas, also is a missionary and attended the wedding. Other guests were from Scotland, England, India, Singapore, New Zealand, Indonesia, Thailand and the United States.

Acting as parents of the bride were Mr. and Mrs. Jeyamoney, both natives of Malaysia. He is a principal of schools. Mrs. Jeyamoney was dressed in native costume and loaned a priceless family heirloom to Judy to wear during the ceremonies. It was a diamond studded gold necklace with 45 diamonds ranging from 1 to 3 carats.

The couple will reside at Perak, West Malaysia, where they will continue their missionary teaching duties.



Bias-Blood

The Wesley Chapel of West Virginia Wesleyan College in Buckhannon, W. Va. was the scene September 26 of the marriage of Miss Bettina Ann Bias and Allen H. Blood. She is the daughter of Leo C. Bias, customer accounts supervisor in Huntington.



Russell-Rutherford

Beverly Ann Russell and Robert Blaine Rutherford were united in marriage on September 28 at the Jesus Christ Church in Clintwood, Virginia. Mr. Rutherford is the son of Martha Rutherford, cashier, Ashland.

Bluefield Club Is Recognized In 40th Year

The Girls Service Club of the Bluefield division recently observed its 40th anniversary.

The club was organized on October 31, 1928, and its motto is "Loyalty and Service To Our Company, To Our Club and To Each Other." The club was formed for the purpose of encouraging, through its programs, a better informed membership on all matters pertaining to the operation and maintenance of the Appalachian Power Company, to bring about a greater efficiency in work performance and to improve relations between the customer and the company.

A coffee social was held in the company auditorium, followed by remarks from W. J. Gillespie, Jr., division manager. He was introduced by Mr. John Vermillion, president of the club. Mr. Gillespie presented corsages from the company to each member.

The members attended a luncheon at the Brier Restaurant where past presidents and retired employees were honored. Retired employees present were: Mrs. Mary Archer Murphy, Mrs. Lena Moseley and Mrs. Alvah Tyree. Mrs. Tyree was the only charter member.



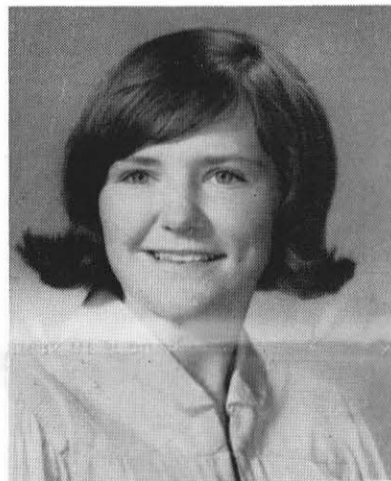
Potter-Dickens

Miss Sherril Potter became the bride of Harry C. Dickens July 6 at Pearisburg. She is a home service representative in Beckley.



Kelsey-Frew

Miss Kathryn Ann Kelsey and William J. Frew Jr. were united in marriage September 21 at St. Peter's Church, Staten Island, N. Y. She is the daughter of Paul C. Kelsey, Huntington division line engineer.



Ramey-Spivey

Cathy Gail Ramey and Gary Spivey were married September 5 in Jefferson, North Carolina. Mr. Spivey is the son of J. D. Spivey, station man, Kingsport.

New Arrivals

Bluefield Division

MR. AND MRS. J. W. BOWES, a daughter, Tammy Lou, November 3. Mr. Bowes is a station man.

MR. AND MRS. JACK W. BURCHETTE, a daughter, Donna Lynn, October 25. Mrs. Burchette was a clerk in the Pocahontas office.

Cabin Creek Plant

MR. AND MRS. DONNIE L. WAUGH, a son, Donnie Lee Jr., October 24. Mr. Waugh is a boiler operator.

MR. AND MRS. ALVA L. KUHL, a son, Alva Lewis, Jr., November 4. Mr. Kuhl is a boiler operator.

Glen Lyn Plant

MR. AND MRS. ROGER D. BRADLEY, a son, Rodney Dean, October 14. Mr. Bradley is an engineer.

Ashland Division

MR. AND MRS. RALPH SMITH, a daughter, Sheri Lynn, October 18. Mr. Smith is an employee in the general office meter department.

Pikeville Division

MR. AND MRS. CHARLES V. STANLEY, a son, Charles Anthony. Mr. Stanley is appliance serviceman helper.

Roanoke Division

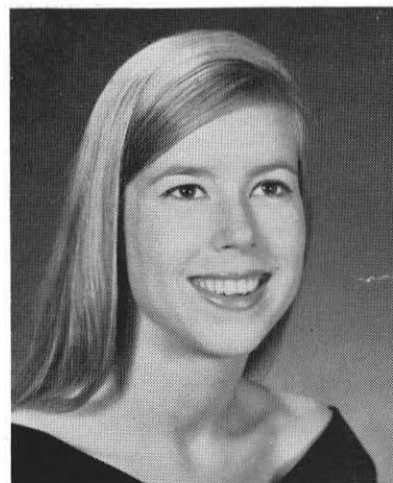
MR. AND MRS. DAVID R. BROOKS, a son, Mark Allen, September 7. Mr. Brooks is a lineman.

MR. AND MRS. RALPH E. MORGAN, a son, Mark Edward, October 26. Mr. Morgan is a groundman.

Big Sandy Plant

MR. AND MRS. EDGAR A. CHILDERS, a daughter, Kimberly Sue, October 17. Mr. Childers is a control technician.

MR. AND MRS. WILLIAM E. ARNOLD JR., a daughter, Stephanie Lynn, October 27. Mr. Arnold is a performance engineer.

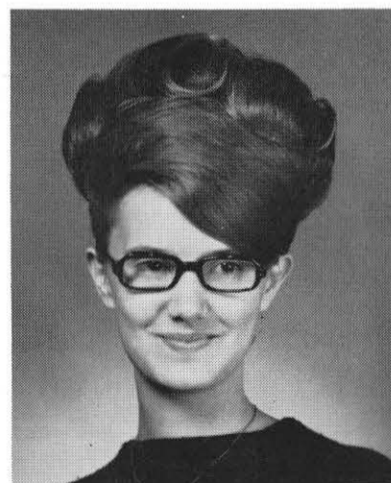


Stephens-Brehm

Sharon Paine Stephens and Dr. Jack Williams Brehm were married in Hauppauge, New York, on October 25. Mrs. Brehm is the daughter of John Stephens, electrical engineer, Roanoke.

Lumbard-Mullins

Paula Lumbard was married to Ron Mullins on October 13 in the Normal Presbyterian Church. Mrs. Mullins is the daughter of Paul Lumbard, meter superintendent, Ashland.



Campbell-Kinnaird

Miss Betty Marie Campbell was married to Charles David Kinnaird in the United Methodist Church of Pearisburg on September 18. She is the daughter of John Campbell, janitor in the Point Pleasant office.

Buskirk-Stanley

Bettie Ann Buskirk became the bride of Robert R. Stanley on September 12 in the First Baptist Church. Mrs. Stanley is the daughter of John B. Buskirk, T&D department, Logan.

MARTHA J. HULME to Glenn Stone. Miss Hulme is the daughter of William Hulme, record supervisor, Pulaski.

ELIZABETH ANN GILLIGAN to Robert C. Wheeler. She is the daughter of John J. Gilligan, recently transferred from Big Sandy to New York.

They're Engaged

CARRIE BRADLEY AUSTIN to erry Dwight Crawford. Carrie is an employee in the general office accounting department, Roanoke.

Pulaski

Hugh P. Grubb, retired employee of Wytheville, was recently informed that his son Hugh, Jr. had been elected "Plant Engineer of the Year" for the Southeastern District. The award was made in Atlanta, Georgia, at the Southern Engineering Conference which included the states of Florida, Alabama and Georgia. Grubb, is with the Martin Orlando plant and resides at Winter Park, Florida. His name has been submitted as a candidate for the National Award.

Sympathy is extended R. J. Blair, sales supervisor, and Miss Lena Schrader, retired employee, on the death of their mother and sister, respectively.

Bently H. Lucas, Christiansburg resident and retired employee, was a delegate to the State Convention of Izaak Walton League at Natural Bridge, Virginia. He represented the Christiansburg Chapter and made the report from that group of accomplishments in 1968, including the raising of 21 thousand fingerlings rainbow trout; serving dinner to one group of 500 people and another of 750; sponsoring horse shows and rodeos at Christiansburg; skeet shoot and rifle range, and archery course and Beagle Hound Field Trail.

Kenith Dawson is a new employee at Christiansburg and A. J. Parsons is at Wytheville after transferring from Charleston.

Bluefield

Garlin Hill, Jr., Bluefield stationman, was elected to the Board of Directors of the First Methodist Church in Princeton. He was also elected vice president of the Men's Club of the church.

McKinley Cornett, Jr., division engineer, is serving as a director of the Bluewell Lions Club for the current club year.

Janice Farmer, wife of Henry Farmer, Jr., Grundy meter serviceman, was elected president of the Wesleyan Service Guild of the Grundy Methodist Church.

Peggy Welch, wife of Clyde Welch, Jr., head T&D clerk, was elected treasurer of the Newcomers Club of Bluefield.

James E. Reynolds, stationman, was elected to the town council at Pocahontas, Virginia.

Grady Parker, senior electrical engineer, was elected president of the Glenwood grade school PTA. His son, Michael, was on the fourth grade honor roll at the school.

Helen P. Vermillion, PBX operator, is serving as corresponding secretary, and Ruth Nunnery, wife of O. R. Nunnery, meterman, is serving as chairman of International Affairs Department of the Bluefield Civic League.

Jane Meadows, wife of Howard S. Meadows, senior electrical engineer, is serving as division chairman for International Trade and Policy, International Affairs Department of the West Virginia Federation of Women's Clubs. Jane is also editor of the newsletter, "Chatter Line," for the Bluefield Civic League. This also is the fifth consecutive year that Jane has been elected chairman of Christian Social Concerns Commission by the Annual Conference of the Bland Street United Methodist Church.

Lois K. Rounion, secretarial-stenographer, received a letter from the Bluefield Red Cross Chapter commending her on the excellent work that she has done with the Red Cross and informing her that she has been re-elected secretary of this organization for the fifth straight year.

New employees are: James Kenneth Sigmon and William Ted Smith, linemen helpers in Pineville, and Edward P. Blair, Jr., janitor in Bluefield.

Cabin Creek

The adult Christmas dinner-dance will be held at the Heart-O-Town Motor Inn in Charleston on December 21, and the children's Christmas party will be at the Chelyan Junior High School at Chelyan on December 17.

Happenings Around The Circuit

Roanoke

Sympathy is extended to Aubrey S. Pullen, street light attendant, on the death of his father the Rev. James W. Pullen.

Prince Thornton, administrative assistant, was elected Zone Four Governor of the Peaks of Otter Ruritan District. This zone covers the eight Ruritan clubs of Franklin County. He is a member of the Burnt Chimney Ruritan Club which he has served in several offices, including president. The election came at the annual convention at Madison Heights, Virginia.

After long absences due to illness, the following have reported back to work: Guy V. Funk, R. E. Barkely, R. E. Slaydon, J. W. Bryant, H. A. Howbert, M. G. Covey, Jane Poff, Les Laughon, R. B. Simmons, K. M. Spicer, Joe Gates, Scott Haskins, O. S. May and C. W. Brown.

Gordon Brown, son of Gordon T. Brown, meter service, was named to the Dean's List at Bridgewater College.

Recent visitors to the office were retirees J. L. White, D. C. Duncan and James Crouch. All reported they are enjoying good health.

New employees are: James Kennedy, Jack E. Glover Jr. and Everett J. Smith, all linemen helpers; John A. Bussey, meter reader, and Ronnie R. Kelley, auto repairman helper.



Mr. Thornton

Charleston

Ralph B. Allen, collector in the accounting department, St. Albans office, was elected to a new term to the Putnam County Court in the November 5 elections. He was first elected to this body in the general election of 1960 for a six-year term and during two of the years he served as president of the court. He was defeated in the 1966 election.



Mr. Allen

Julian C. Hansbarger, division manager, was elected second vice president of the Charleston Area Chamber of Commerce at the group's annual meeting.

Amid the spook-house, country store and all the other things that



Kim

Mrs. (Carol) Boggess is a secretary-stenographer in the T&D department.

A litter of 11 pups is a big one. A litter of 11 male pups is something else. This was the case with James F. Wilson's German Shepherd and the veterinarian said an all-male litter of that size is very rare. Unfortunately, six of the pups died at two-weeks old and before a picture could be taken. The other five are doing well. Mr. Wilson is a linemen helper in the T&D department.

Sympathy is extended to Gloria Coonoley on the death of her mother; to Bob Thomas on the death of his mother, and to Jack Keaton on the death of his sister-in-law.

Larry D. Lilly is a new employee in the station section at Beckley.

Kingsport

Emily Simpson, daughter of M. C. Simpson, Jr., commercial manager, has been selected by the Women's Symphony Committee of the Kingsport Symphony Orchestra Association a Symphony Belle for the 1968-69 season. Miss Simpson will be presented at the Committee's annual dance in March of 1969.



Emily

Clarence J. Bryan, executive vice president, was recently re-elected to the executive committee of the Holston Valley Community Hospital and has been re-elected vice president of Junior Achievement of Kingsport, Inc.

Deborah Greenwell, daughter of Evelyn Greenwell, PBX Operator, has transferred from Gulf Park College for Women to East Tennessee State University. A sociology major, Deborah has pledged Sigma Kappa Sorority.

Connie Rayfield, a freshman elementary education major at Memphis State University, has pledged Delta Gamma Sorority. She is the daughter of J. G. Rayfield, records supervisor.

J. W. Bolton, meter serviceman, was elected secretary and vice chairman of the Sullivan County Board of Education. He has been a member of the group for 10 years.

W. Z. Trumbo, personnel supervisor, is a member of the attendance committee for the Chamber of Commerce.

Craig Pippin, a freshman mechanical engineering student at Tennessee Technological University, is a member of the soccer team. He is the son of Jack Pippin, customer accounts representative.

After receiving his BS degree in biochemistry at East Tennessee State University, Ben Smith, son of Woodrow Q. Smith, customer accounts supervisor, has entered his first year of dental school at the University of Tennessee Medical Units in Memphis.

Mrs. John Faust, whose husband is power sales engineer senior, has made approximately 25 stuffed toys for the annual Peddler's Fair. The fair is sponsored by the Women's Symphony, of which she is a member.



Lea

Ronda Lee

Lea Ferrell, daughter of Roy Ferrell, Jr., head T&D clerk, and Ronda Lee Dorton, granddaughter of Thomas C. Dorton, Jr., line foreman, were contestants in the recent Penny-A-Vote Baby Contest sponsored by the Alpha Nu Chapter of Epsilon Sigma Alpha Sorority.

Carolyn White, daughter of J. K. White, Administrative Assistant, has transferred from Tennessee Technological University to East Tennessee State University. A junior, Carolyn is majoring in elementary education.

Gayle Rayfield has been chosen to be a majorette at Dobyans-Bennett high school in Kingsport. Gayle is the daughter of J. G. Rayfield, records supervisor.

Mrs. Genevieve Dorton, wife of T. C. Dorton, Jr., line foreman, has made 500 place mats for the Veterans Administration Center at Johnson City, Tennessee. Mrs. Dorton says she enjoys making these Christmas gifts, and the work seems small when compared to the joy of the veterans.

Joan Ingram, daughter of B. J. Ingram, meterman, is a majorette at Carson-Newman College where she is a sophomore. Photo at right.

General Office

New employees are: Donald B. Dudley, Raymond D. Haga and Mack E. Douglas, all hydro; Ila U. Vaught and Wanda P. Clemons, both accounting; Kathryn Weddle, operations; James L. Mills and Ernest C. Gibson, both T&D civil; Kay Quesinberry, T&D station; Richard S. Winstead, purchasing; Basil L. Ballard, operations.

Bobby K. Daniel has returned from military leave of absence to resume his job of retirement cost clerk in the accounting department.

Alan Hawkins, son of O. A. Hawkins, general records, tax and statistical supervisor, recently was named systems supervisor in the Chattanooga office of Honeywell's electronic data processing division.

Big Sandy

Roy E. Webb, G. David Bartram Jr., Garry M. Allen, Vernon C. Albrecht, Paul R. Williamson and Homer Wright III are new employees.

Christmas party plans call for the following: Adult party will be a dinner at the Henry Clay Hotel at Ashland on Friday, December 20 at 6:30 p.m. A dance will follow at the Elks Club. Teen-agers will have a skating party at Camden Park at Huntington on Monday, December 16 at 7 p.m. The children's party will be at the First Methodist Church at Louisa on Friday, December 13 at 6:30 p.m.

John J. Gilligan has accepted a position with the Service Corporation in the construction department. He will be working with C. S. Kalinowski in the electrical phase of plant and station construction.

James L. VanHoose has transferred from unit 2 construction as material clerk to unit 1 operations as utility man-B.

Pikeville

Plans for Christmas parties are being finalized. The adult party will be 6:30 Friday, December 20, in the auditorium of the main office building. A program, including dancing, will follow dinner. The children's party will be 1 p.m. Saturday, December 21, also at the main office building. Refreshments, movies and cartoons will be featured and, of course, Santa Claus will be there.

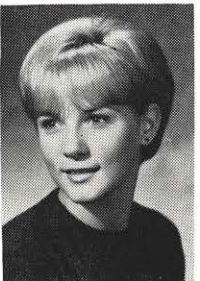
Sympathy is extended to Raymond Scott, linemen on the death of his father-in-law; and to Ralph Damron, division chief of party, on the death of his mother.

Thomas Wahner is a new employee in the transportation section.

More Personals on Page 6

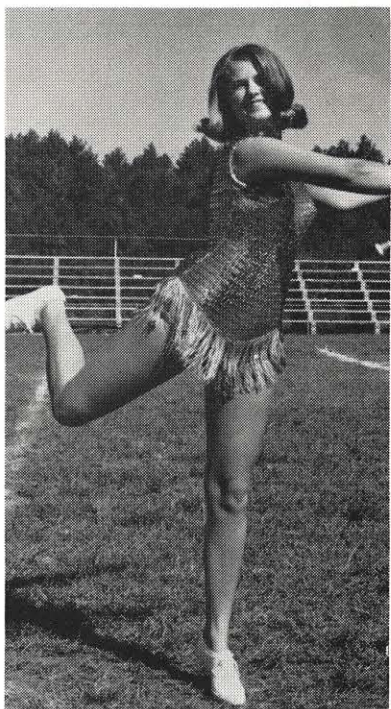
Kanawha River

Lynn Bostic, daughter of J. R. Bostic, master maintenance man, was crowned Miss Greyhound at Montgomery high school's homecoming game. The high school senior plans to attend West Virginia Institute of Technology next year. She also is a cheerleader and her group won first prize in competition over schools from three states.



Lynn

T. R. Myers, laborer, is a new employee. He started October 28.



Joan

Happenings

(Continued from Page 5)

Logan-Williamson

E. P. Hager, commercial sales engineer, and H. J. Collins, Personnel supervisor, were elected to serve on the Board of Directors of the Logan County Crippled Children's Society.

Larry Lee, son of Billy Lee, Williamson, was recently named "Airman of the Month" at the Kincheloe Air Force Base, Michigan. Larry was also presented a certificate of achievement. Having entered the Air Force two and one-half years ago, Larry is a Duty Status clerk. Larry is a graduate of Williamson high school where he was a member of the varsity football squad.

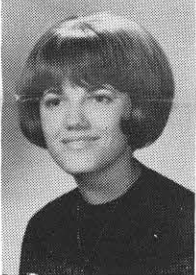
Merrill Atkinson, retired administrative assistant, was a recent visitor to the Logan Office.

New employees are Barbara Webster, Logan accounting department, Della Farmer, Logan engineering department and Ronnie D. Ferrell, Williamson T & D department.

A party, treats and gifts from Santa Claus will follow entertainment scheduled for division employees' children on December 14 for the Logan area and December 21 for Williamson children.

Williamson employees will be feted with dinner and a dance at the Mountaineer Hotel in Williamson on December 13. Logan employees will be served a Christmas dinner at the Masonic Temple followed by a dance in the gymnasium of the Logan Grade School on December 20.

Miss Cathy Bias, daughter of E. K. Bias, heating builder sales representative, Madison, was selected by the Madison Woman's Club to represent Boone County at the annual West Virginia State Water Festival at Hinton, September 12-15. Cathy is 17 years of age and is a senior at Scott high school. She is head cheerleader and is a third-year honor student. She is a member of the Senior Hi BYF, National Honor Society and the Varsity Club.



Cathy

Richard L. Trammell, stationman, and Napoleon Burris, Jr., building service, were awarded two-gallon and one-gallon donor pins respectively, at the most recent visit of the Red Cross Bloodmobile to Logan.

W. H. Honaker, retired line and station supervisor, has been elected second vice-president of the Logan County chapter of the American Red Cross for the coming year. O. C. Hall, division manager, was elected to the chapter's Board of Directors, as was Mr. Honaker.

Sympathy is extended to Grover Wooten, Jr. on the death of his mother.

Huntington

Sympathy is extended to Dorothy Smith, Hamlin area office, on the death of her mother-in-law, Mrs. Rose Smith; to Charles Botts, T&D clerk, on the death of his father-in-law, Charles F. Pride; and to Pauline Smith, accounting, on the death of her nephew in an automobile accident.

Linda Martin, daughter of Rose Martin, utility clerk, is attending Tulane University in New Orleans, Louisiana, working on her Master's Degree.

Mrs. Barbara Calhoun, customer accounts representative, has been chosen as an auditor for the Cabell-Wayne United Fund Campaign. She is one of approximately 20 people who are employees of various business and industry within the City of Huntington. After the campaign is ended, there will be a

"Victory Dinner" for all the campaign workers.

W. R. Witzel, personnel supervisor, has been named chairman of the Native Son and Daughter program sponsored by Huntington Area Chamber of Commerce. The purpose of the program is to encourage area businesses and industries to talk with students home on vacation who are nearing graduation from college for future employment.

New employees in the division are: Catherine Hayes, maid, commercial department; John Sommer, janitor, and James A. Bush, Jr., lineman helper in the Pt. Pleasant Area.

Glen Lyn

Dreama Kay Dunford, daughter of Mr. and Mrs. A. W. Dunford, was a contestant in Mountain Lake's Second Annual Junior Miss Pageant at Pearisburg, Virginia.



Dreama Kay

She was among 16 senior girls chosen from Narrows and Giles high schools to compete for the title. She is active in school affairs at Narrows high school and plans to study nursing after graduation.

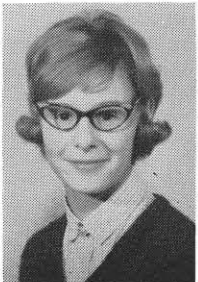
G. E. LeMasters, plant manager, was appointed vice president—finance of the Giles County United Fund. E. S. Freeman is chairman of the plant's UF campaign.

Mackie C. Mullins is a new maintenance department employee.

Ashland

Sympathy is extended to Roy Kirk, meter reader, on the death of his father, Harry; and to Louise Docley, private secretary, on the death of her mother, Bethel.

Nancy Louise Russell, daughter of Otto Russell, general office accounting records, tax and statistical supervisor, was named to *Who's Who in American Universities and Colleges*. A senior majoring in elementary education at Eastern Kentucky University, she was chosen for her outstanding traits of scholarship, leadership and service. The honor came after selection by the academic department chairman, the school's student council and approval by the national *Who's Who* committee.



Nancy

Rose Marie Skaggs was recently crowned princess of the "Royal Court" at the Hatfield grade school's fall festival, an annual event sponsored by the PTA. She is the daughter of Patricia Skaggs, stenographer in the division personnel department.

Joy Seagraves is a new employee in the division accounting office. After a training period, she will be working at our new Grayson office building. Joy is the mother of a son and a native of the Grayson area.

Charles Stayton, division personnel supervisor, has received the graduate certificate of the committee on injuries of the American Academy of Orthopaedic Surgeons for completing the "Advanced Practical Course on Initial Emergency Care and Transportation of the Sick and Injured" which was conducted at Marshall University in Huntington, West Virginia recently.



Mr. Marshall

Boiler Operator Retires At Plant

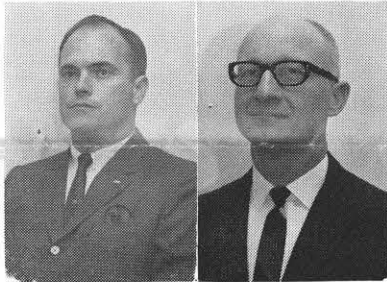
Morris O. Marshall, called "Lightning" by his friends, has retired at Cabin Creek plant after 30 years with the company.

The boiler operator had already begun his activities which he intended to pursue after retirement—raising rabbits and chickens and selling them.

A native of Carroll, Va., Mr. Marshall joined Appalachian September 2, 1938 as a laborer and moved into the boiler operator classification in 1944.

He is married and has three children and six grandchildren, and plans to continue living in Chelyan after retirement, where he belongs to the Methodist Church. One of his sons, Larkin Holland, works at Clinch River plant.

To commemorate his years of service, employees at the plant gave him a watch engraved with his name and years of service, while operators also presented him with a gift.



Mr. McComas

Mr. Snyder

Three Promoted To New Positions

Three men have been promoted to new positions at Big Sandy plant, each in a different department.

Ray E. Lane, stores coordinator, has been named stores supervisor, while Richard L. McComas, office coordinator, has been named office supervisor. Paul E. Snyder, master maintenance man, was named maintenance foreman.

Mr. Lane is a native of Shrewsbury, W. Va. and joined the company at Cabin Creek in 1952 as a clerk. In 1962 he went to Big Sandy as head material clerk, and became stores coordinator in 1965.

He is married and has two children. Mr. Lane has been active in the Jaycees and Little League in Louisa.

Mr. McComas joined the company at Logan plant in 1952 as a clerk, and went to Glen Lyn plant in 1961. In 1962 he joined Big Sandy as office clerk, and was named office coordinator in 1965.

Married and the father of four children, he is the immediate past president of the Louisa Jaycees, and is also active in Little League.

Mr. Snyder is a native of Ashland and was employed at Big Sandy in 1962 as a maintenance man.

Married and the father of two children, he lives in Ashland. His oldest son, Paul Edward II, was the recipient of an AEP System Educational Award in 1967 and attends Ashland community College.

Man With First Electrically Heated Home In Charleston Has Retired

The first employee in the Charleston area to convert his home to electric heat retired from the company December 1 after a long and colorful career.

He is Joe E. Bedinger, Charleston division commercial sales representative, who had 40½ years of service, and who is now living in his third total electric home since becoming the pioneer in the Charleston area.

A native of Hampden-Sydney, Va., where he went to college, Mr. Bedinger taught school in Charleston and was principal of a school in South Boston, Va. before joining Appalachian. That occurred June 8, 1928, when he began a long career with the Charleston commercial department.

He has been a salesman, lighting and power salesman, power engineer, heating sales engineer, and commercial sales representative. During that first stint in Charleston, teaching school, he took extension courses from Marshall College in American literature.

Joe remembers that in 1928 the company was selling monitor top GE refrigerators and Hotpoint electric ranges. He says that you really had to convince customers that a refrigerator was more dependable than the iceman delivering daily. But ranges were even harder to sell. Many homes were not wired, particularly outside cities.

Early in his career Joe became a commercial lighting specialist, often visiting Nela Park, GE's lighting center, bringing ideas back to businessmen in Charleston.

Referring to that first electrically heated home, he says that when he first came with the company, if he had suggested electric heat, his sanity would have been questioned. Rates began at 8c per kilowatt-hour in the city and 9c outside. He says he is proud to have been with an industry that could so manage its affairs as to move so far as the company has in rate decreases.

Joe has been active in the Sons of the American Revolution, having been president of the Daniel Boone chapter and vice president for five years of the West Virginia chapters. He has been president of the Civitan Club of Charleston and Lt.-governor of the North Central District of Civitans. He was sergeant at arms of Civitan International. He is a member and elder of Grace Covenant Presbyterian Church.

Davenport Gets Division Post

J. Robert Davenport will become administrative assistant to the Roanoke Division manager of Appalachian on January 1, 1969.

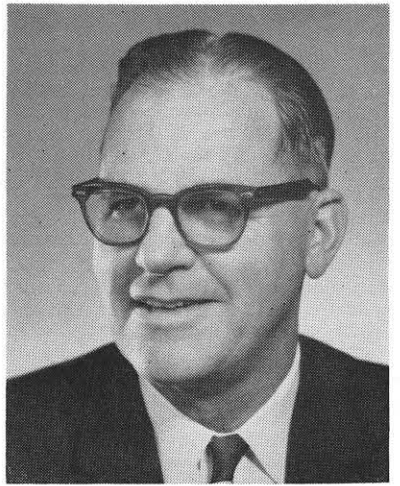
He will move to the position from that of area development consultant for the Roanoke and Lynchburg Divisions of Appalachian. He succeeds James E. Jones, who earlier was named Fieldale Area manager of Appalachian.

Mr. Davenport was employed by Appalachian in 1955, and later transferred to the American Electric Power Service Corporation in New York for a year.

He returned to Roanoke in 1958 and was named area development consultant in 1965.

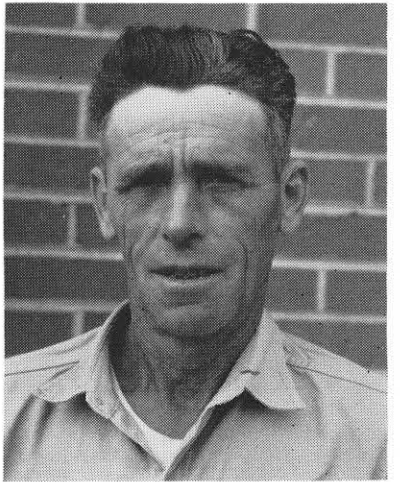
He holds a BA degree in economics from Roanoke College and an MBA from the University of North Carolina.

He is past president of the Cosmopolitan Club and a member of the Backbone Club of the Roanoke Valley Chamber of Commerce. He is on the board of Big Brothers of Roanoke and is vice president of the Southeast Community Development Association. He is married, has two children, and attends Second Presbyterian Church.



Mr. Bedinger

Joe is married and has two sons and six grandchildren. He enjoys hunting, fishing and gardening, and he and his wife hope to travel quite a bit, including visits to Florida and California. But they will continue to live in Charleston.



Mr. Skelton

Andy Skelton Retiring From Kingsport Post

After 27 years of service, Andy Skelton has retired from Kingsport Power Company. His retirement was effective November 1.

Mr. Skelton is taking retirement early due to a heart attack. He was a groundman.

He first joined the company in 1941 as a laborer in steam production and later served as boiler operator B and A, guard, auto repairman helper and then groundman.

A native of Scott County, Virginia, Mr. Skelton went to schools at Church Hill, Tennessee. He is a member of the Elm Springs Methodist Church and the Masonic Lodge.

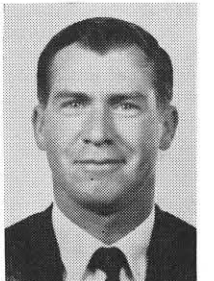
He and his wife have five children and 16 grandchildren. The couple resides on Route 1, Church Hill, Tennessee.

Kingsport Names Station Foreman

James C. Denton has been promoted from the post of engineering aide to station foreman for Kingsport Power.

He joined the company in 1960 as a stationman. He is a native of St. Charles, Va., and attended Chicago Technological College. He is currently working for an electrical engineering degree at East Tennessee State University, taking night courses.

He and his wife have two children.



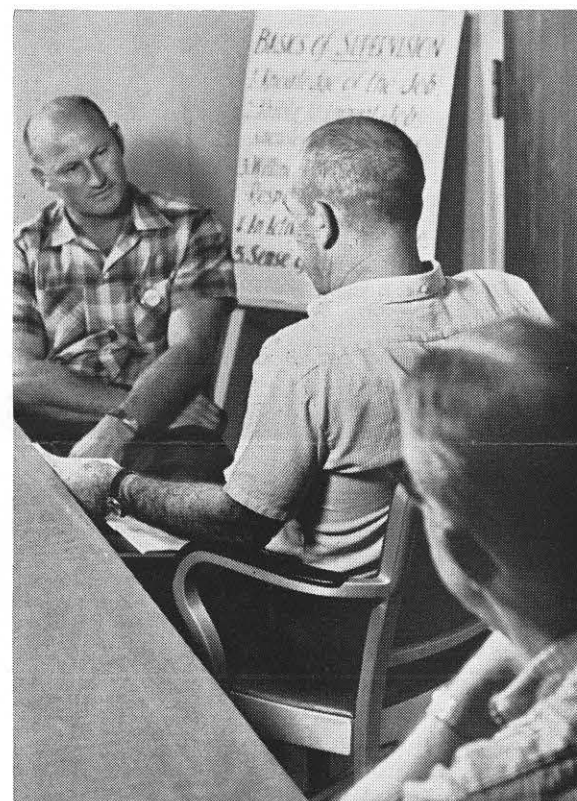
Mr. Denton



Howard Belcher, Radford (left), and Henry Hatfield, Williamson, play the employee-supervisor role as camera moves in.



Tom Shepherd readies recorder. Monitor is at left.



C. L. Shepard, general office transmission at Bluefield (from left), and D. E. Murray, Charleston, discuss problem while Howard Belcher prepares a critique on the conversation.

SMILE: You're On APCO TV Network

TV camera on. Recorder ready. Roll it. "George, I have a problem. I just don't think the company is being fair to me . . ." Speaking is an employee. Listening is his supervisor. The scene is a mock situation staged in an Appalachian Basic Supervisory Training class. The subject: Making Conversations Count.

Communications — perhaps an old subject but an increasingly important one — always has been a vital part of the training classes, and with good reason. Studies show that 75 per cent of an employee's time is spent communicating in one form or another.

The new twist is the audio-video tape recorder. Being used for the first time in the American Electric Power System, the TV equipment allows the participant to see and hear himself and to quickly evaluate his effectiveness.

Initiated this past August in the training programs which are under the guidance of J. Emmett Blackwell, Appalachian's training supervisor, the TV operation has been a plus factor in stressing effective communications.

The unofficial "producer" is T. K. (Tom) Shepherd, general office senior personnel assistant, who is in charge of developing potential uses of the equipment, reporting directly to J. R. Larew, company personnel director. Assisting Mr. Shepherd are T. A. (Tom) Kirby, general office personnel assistant, and cameraman Wayne Deel, of the reproduction section of office services.

Mr. Blackwell, in commenting on the video tape equipment, said, "We've taped voices in role-playing situations before and played them back for discussion, but the video portion has a much greater advantage in that it allows the participants to see their facial expressions. And, as we all know, facial expression can change the entire meaning of the spoken word and is a big factor in face-to-face communications. Plus, it's just easier for the participants to see their mistakes on the monitor. We also have found that the

non-participants, or the other members of the class, seem to be more attentive. So far, we have used it in four classes and comments from the people have all indicated they felt it was beneficial.

"We are going slowly with the use of the equipment," he said, "to make sure we don't make some mistakes that other companies have. But, we do plan to use the equipment in the public speaking portion of the Advanced Supervisory Training class after the first of the year."

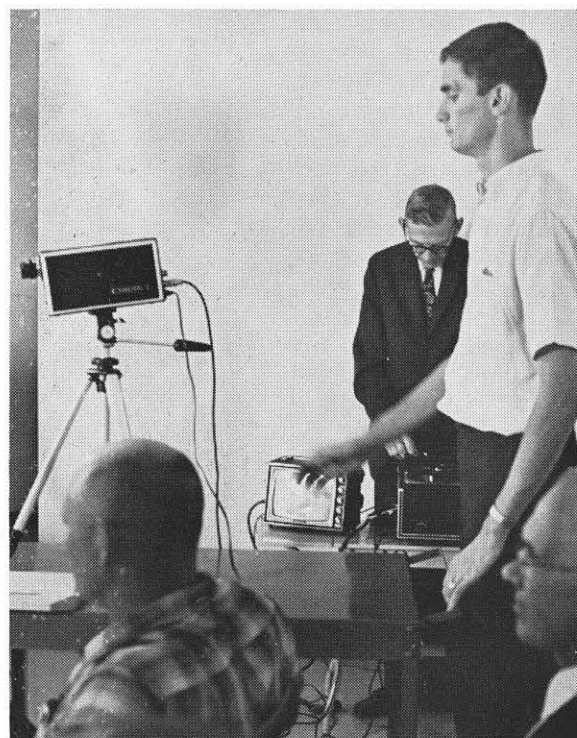
Mr. Shepherd and Mr. Kirby recently returned from a visit to Detroit Edison Company to inspect its equipment. Detroit Edison has been using video tape for about two years.

"We are still in the experimental stage," Mr. Shepherd said, "and at the moment aren't using it for much besides the training programs. Other tentative uses, to name a few, might be programs on telephone courtesy, customer contact, sales technique, new employee indoctrination, first aid, safety, special messages from top management, new equipment instruction, power plant safety and maintenance and employee benefit programs.

"Our equipment," he pointed out, "is really the home model type, and is the property of the communications section of the T&D department. It consists of a half-inch Concord camera, recorder and 12-inch monitor and has no panning nor zoom-in ability. We have solved that problem somewhat by mounting it on a pushcart which allows the camera to move in with a minimum of disturbance."

The personnel department recently developed a film, on tape, of the Handle With Care program originated in Kentucky Power. The program compares the customer with an egg—both fragile.

The opening shot tells a story. It reads: APCO TV Network—First in the System—Sometimes referred to as a "Tom-Tom" production.



Wayne Deel prepares to move in with camera.

LOGAN PLANT IS NO MORE

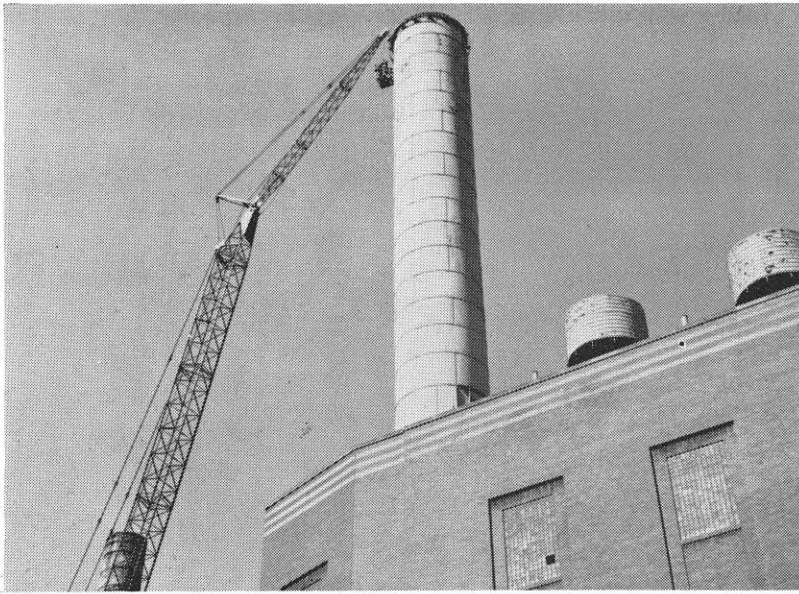
After a dismantling job of nearly two years, the old Logan plant—hailed as a giant in its day—is only a memory to residents of the Guyandot River town.

The plant began operations in 1915 and received additions in 1921, 1923 and 1937. With the addition of 1937, the plant was hailed as an engineering marvel by the engineering world and attracted many notable visitors, including the governors of West Virginia and Kentucky.

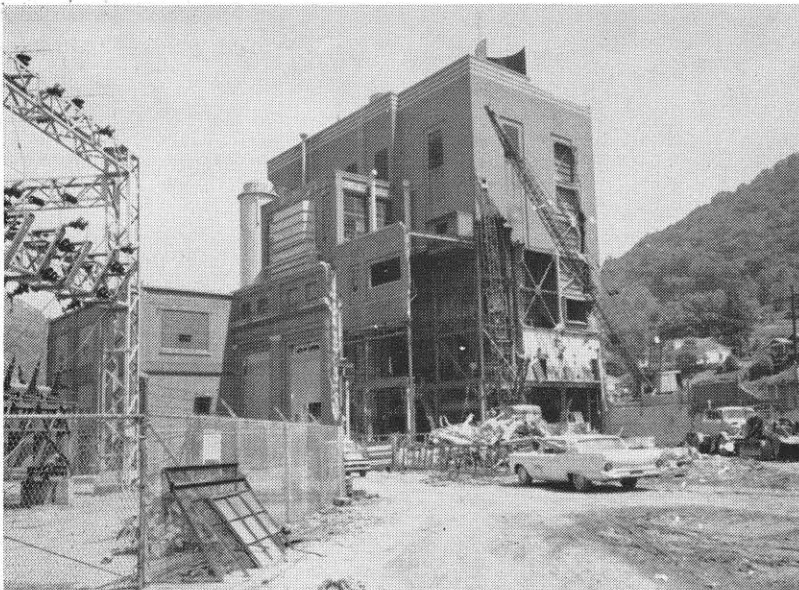
Unique features of the Logan plant included the largest transformer bank of its kind ever constructed. The bank, which had a capacity of 100,000 kilowatts; had four huge transformers—three for regular service and one as a spare. Each transformer contained four windings—this in a day when transformers normally had only two windings.

Perhaps the main point of interest in the plant was the million-pound-per-hour steam pressure boiler. This boiler was one of the six largest of its kind in the world and consumed 900 tons of coal per day. On the top floor of the plant there were two sets of fans capable of moving some 600 tons of air and gases at a speed of a mile-a-minute. These were used to force air into the boiler furnace and to remove gases. In their day, the fans were the largest in the world.

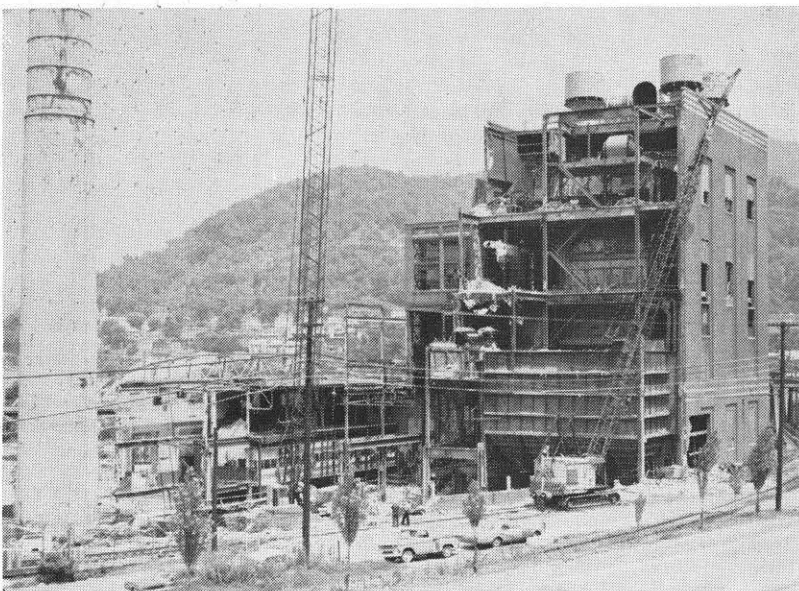
The plant, with a generating capacity of 88,000 kilowatts, was located adjacent to the City of Logan on the Guyandot River and was long a familiar landmark to local residents. The plant was taken out of service on May 1, 1961, but demolition didn't start until about five years later.



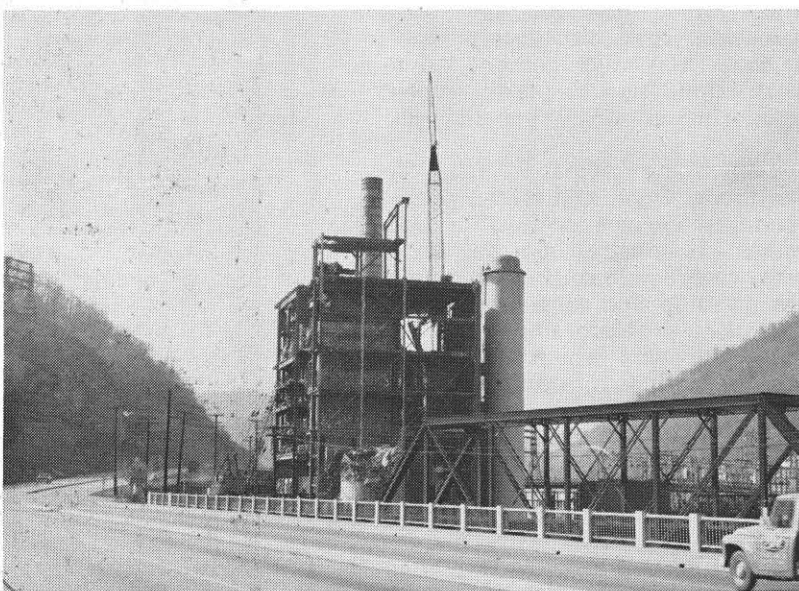
1. In October 1966 workmen make first cuts on stack with aid of 286-foot stack.



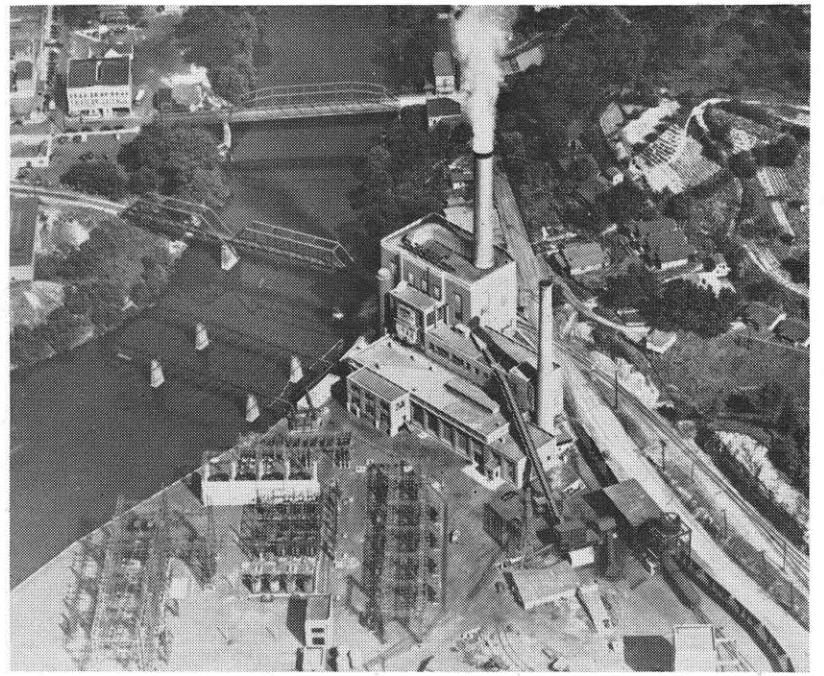
2. Stack is down and work starts below.



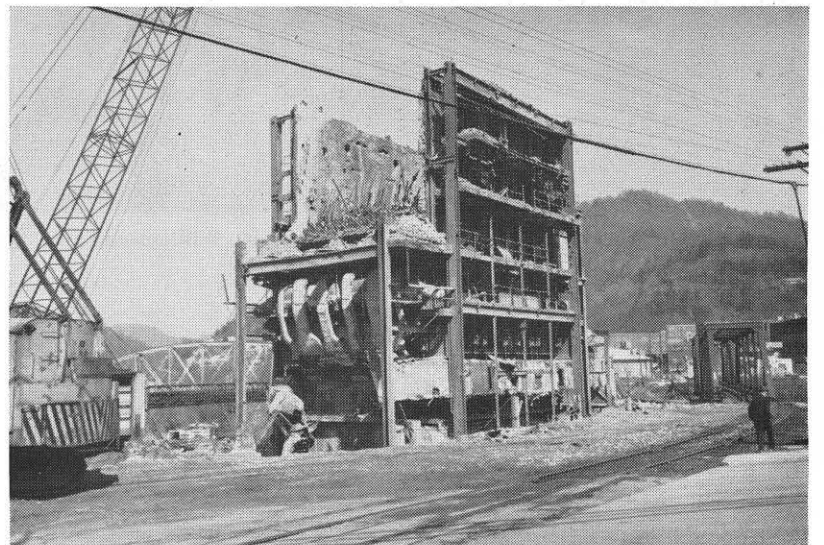
3. In the early summer of 1967 the interior starts to show but workmen find task slow.



4. Plant starts to take skeletal look in November 1967 although much remains to be done.



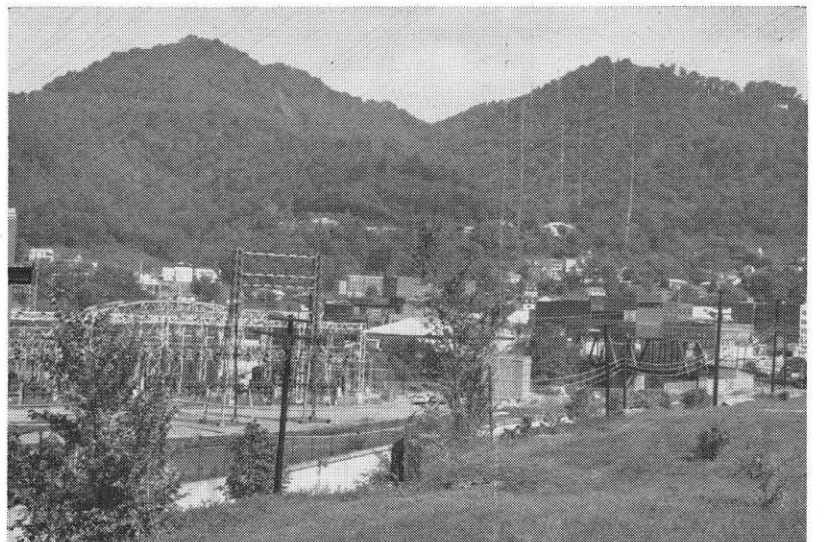
Logan plant in 1940s



5. In March 1968 the boiler is exposed and the end is in sight.



6. April 1968 and very little remains of what was once the Logan plant.



7. Today the once familiar sight of the old Logan plant is nothing but a memory.



Bo Humphrey and some of her 60 trophies for golf and bowling competition.

Woman Wins 60 Trophies

Sixty trophies in two sports in 10 years isn't bad. In fact, it's quite a record.

It's one that belongs to Bo Humphrey, wife of E. J. Humphrey, Ashland distribution engineer. The sports are bowling and golf, both of which she became interested in 10 years ago.

Among her bowling honors are trophies for competition in the State Amateur Bowling Tournament, Ashland City All Events, City Bowling Championship (which her team won in 1960), and Appalachian's Friendship Tournament, where she won high game, high series, and sportsmanship trophy in 1965.

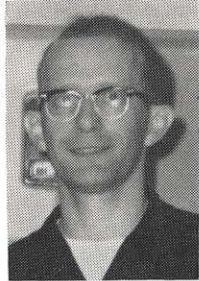
In golf, she has won the Championships of the Twin Valley and Ponderosa Clubs the past three years, the Cerebral Palsy tournaments in 1967 and 1968, and has competed in the Women's State Tournament and Women's Western, a national tourney.

Big Sandy Bowler Records High Series

William D. England has recorded the season's highest series in the Kentucky Power Bowling League.

The Big Sandy plant senior performance engineer put together games of 234, 227, and 217 for a 678 series.

His average in the league is 185, second only to the 187 carried by Homer E. Matheney, operating foreman at Big Sandy.



Mr. England



Mr. Shawver

Vet Of 41 Years Is New Retiree

A 41-year veteran who came to work for the company when accounts were hand-billed from meter books retired last month, having seen many changes in the electric utility industry.

Paul H. Shawver, general clerk in the Bluefield commercial department, joined Appalachian in accounting in 1927 as a bookkeeper. Through the years he has been a chief clerk and power billing supervisor for the district, and in 1963 became general clerk in the division commercial department.

A Sunday School teacher at the Christian Church, Mr. Shawver also enjoys hunting, woodworking, and reading. He was born at Shawvers Mill in Tazewell County, Va. and attended Fairview High School and Summitt City Business School. He has also taken courses in accounting.

Mr. Shawvers is married and plans to continue his residence in Bluefield, Va., although he will take an extended trip in 1969.



Big Sandy Golfers

Winners have been honored in the annual Big Sandy Plant Golf League. From left are: Richard L. McComas, first place team; Leonard V. Compton, low net; Harold C. Ferguson, first place team; Larry D. Ison, low actual; Gary W. Miller, and James M. See, second place team members. Fourteen employees took part in the 12-week league, with William D. England as president.

Straw In The Wind

Some hunters are pretty wily. Take H. H. Hutcheson of Charleston.

When he went hunting for squirrel and deer, but flushed a flock of turkey, and took a shot but was too far away and missed, he remembered something he had heard.

He had heard that old time hunters used a hollow wing bone of a turkey to make a sound like a gobbler call. He didn't have a wing bone, but he did have a plastic soda fountain straw. Using this, he got answers from 5 turkeys on the first call. Soon one of them came closer.

Hutch gave one last call on his straw, positioned himself, aimed his gun, and in a minute a 9-pound gobbler appeared in view. Hutch got him with no problem.

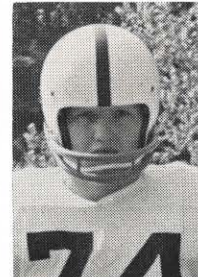


Sure Shot

One shot at 20 yards with a 50 pound pull bow and a bear razor head arrow brought down this 145-pound spike buck. Douglas Smith, son of D. B. Smith, Pulaski instrumentman, got the buck near Claytor Lake. He is a junior at Dublin High School.

Sixty-Minute Man Leads Grid Team

Sixty minutes a game, offense and defense, for three years was the football record of Robert L. Huffman Jr., of Johns Creek High School.



Bobby Huffman

The son of the Pikeville right of way agent, young Huffman played tackle and guard. The 18-year-old senior is six feet two and weighs 210 pounds.

Johns Creek has only had a football program for four years, and in its first year became the first school in the history of the Kentucky High School Athletic Association to record a winning season in its maiden year.

Helping the program along at school has been Bobby's sister, who was a cheerleader. He plans to attend college next year but has not decided where.

The Cat Wins Again

Two Lynchburg fellows have been grousing around about their grouse hunting.

Seems that A. Nelson Simpson and D. J. "Pete" Thompson left home Sunday afternoon and drove to a cabin in Botetourt County. They spent the night and went hunting with their dog the next morning. They returned to the cabin at 3 to eat, intending to hunt some more before dark.

When they unlocked the door, the dog ran into the cabin and up the stairs to a loft. In a split second he came back down trailing a horrible odor. He had lost a quick

battle with a white striped pussy cat.

Nelson and Pete decided it was time to go home. They put the dog in the back seat but that didn't work, so they put him in the trunk. Despite the fact the two men drove with the windows down and smoked pipes and cigars, it was still bad. The dog's howling all the way home didn't help either.

After a tomato bath, the dog returned to normal. But Pete's clothes are thrown in the back yard, and Nelson's sit steaming on his carport.

Familiar Faces In New Places

Appalachian Power Company

Bluefield Division

CLAUDE R. PATTON JR. from lineman helper to lineman c. ERNEST WALTON LINKOUS from assistant stores supervisor, division stores, to transportation records and office supply clerk, division managerial.

Logan-Williamson Division

RUTH S. BOOTHE from clerk stenographer to customer accounts representative. CLARENCE EVANS JR. from janitor to lineman helper.

Roanoke Division

D. R. BROOKS from lineman helper to lineman. A. L. ATKINS from clerk trainee to clerk. J. G. HUNT JR. from commercial sales representative to heating and builder sales coordinator. C. R. SAUL from administrative assistant, g. o. area development, to assistant personnel supervisor, division personnel. A. M. WHORLEY from heating and builder sales representative to commercial sales representative.

CHARLES E. ROBINSON from lineman helper to lineman c. N. C. TESTER from lineman helper to lineman c. R. A. ANTHONY from janitor, building service, to meter reader, accounting department. R. G. TURMAN from lineman b to lineman a. J. W. BRYANT from station foreman to stationman. PAUL D. BLOUNT from T&D clerk to T&D clerk sr. D. J. DICKERSON from lineman b to lineman a. P. L. HUMPHREYS from lineman b to lineman a. J. L. JOYCE from clerk-typist to customer accounts representative.

Cabin Creek Plant

KENNETH E. O'NEAL from laborer to utility operator. ALVA L. KUHL from utility operator to boiler operator. GARY L. HESS from boiler operator d to boiler operator c.

Glen Lyn Plant

JACKIE F. JESSEE from auxiliary equipment operator, operation, to maintenance helper, maintenance. HUNTER D. BRADLEY from utility operator to auxiliary equipment operator. DAVID G. WHISMAN from utility man, maintenance, to utility operator, operation.

General Office

JANICE H. HERRING from clerk-stenographer to stenographer. JERRY N. WIMMER from station maintenance man helper to station maintenance man c. CHARLES H. MURPHY from station maintenance man c to station maintenance man b. ANDREW R. MAIN JR. from transmission civil draftsman, T&D civil engineering section, to lead draftsman, T&D station section.

Huntington Division

T. W. KINCAID JR. from stationman c to stationman b. T. S. BLOSS from stationman helper to stationman c. L. D. PAULEY from lineman helper to lineman c. D. W. RITCHIE from stationman c to stationman b.

Kentucky Power Company

Ashland Division

CARMIN B. SHANNON from clerk-typist to clerk-stenographer.

Hazard Division

WILLIS STRONG from T&D man to meter serviceman.

Big Sandy Plant

HUBERT D. GREENE from utility man b to maintenance helper c. DOUGLAS MOORE from maintenance man to master maintenance man. JAMES L. VANHOOSE from utility man b to maintenance helper. ROY E. WEBB from utility man b to maintenance helper.

Kingsport Power Company

JAMES CARL DENTON from engineering aide to station foreman.



Sure Shot

Ray Adkins has shot his first perfect score, 100 out of 100, to win the 12 gauge championship trophy in the Ashland Gun Club annual championship. He also won the Class B 20 gauge competition with a score of 96 out of 100, and has been a gun enthusiast since he was a boy. He is an Ashland lineman.



The Haul

Looks like a lifetime of trophy-winning, doesn't it? Would you believe that they are the result of just one pistol match? That's E. W. Meador, general office T&D electronic engineer, and he has just won 12 of 16 events at the annual West Virginia Championship pistol matches. Mr. Meador enhanced his already wide reputation as a marksman by firing .22, .38 special and .45 caliber Smith and Wesson revolvers in the two-day event.

People, Places and Things



Glen Lyn Keeps Prepared

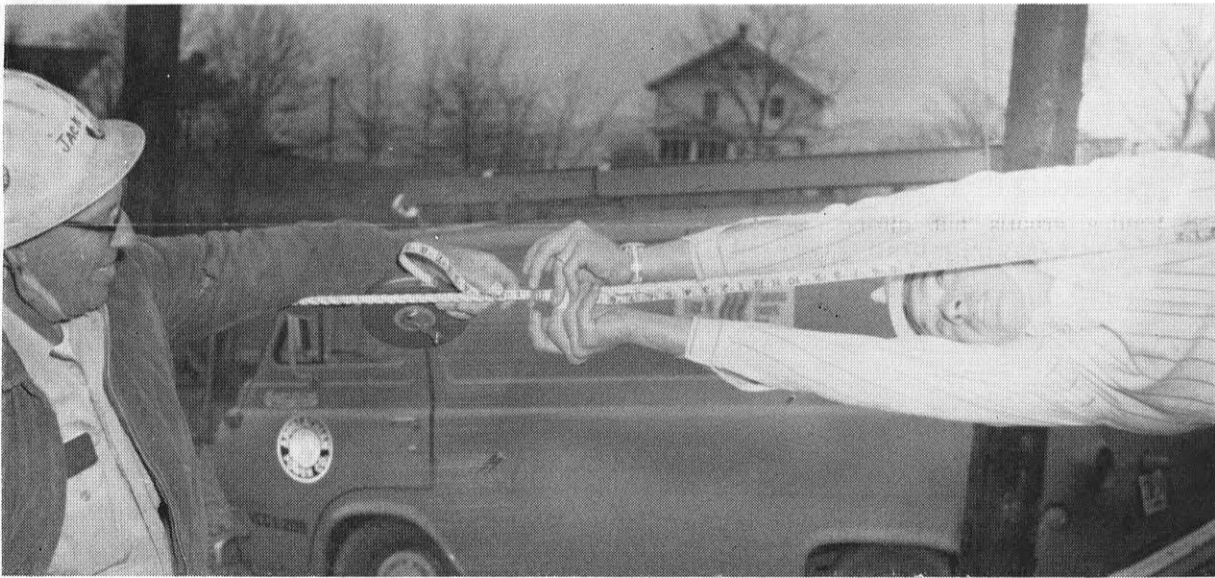
Glen Lyn plant employees participated in a Close Chest Cardiac Massage course recently. Watching the demonstration (seated from left) are J. C. Hare, W. H. Dillow, E. W. DeHart, F. A. Agee, E. C. Weatherly and C. B. Patterson. Demonstrating are G. L. Raley and J. A. Johnston. C. B. Yearout, one of the instructors, is in the right foreground. C. L. Spangler assisted in the instruction.



Fantastic! Just Fantastic!

"Fashions Fantastic" was the theme, but the fashions were something else when the women from Kanawha River and Cabin Creek plants and the St. Albans, Montgomery, Clendenin and Charleston offices got together for their annual party. The above picture

says it all. From left: Mrs. Katie Wilkerson, Charleston, Date Dress; Mrs. Susan Lewis, Charleston, Box Suit; Karen Jones, Charleston, Toastmistress Dress; Mrs. Jeanne Sheets, Kanawha, Dinner Dress, and Mrs. Billie Walker, Kanawha, Tea Dress.



S-t-r-e-t-c-h-i-n-g A Point

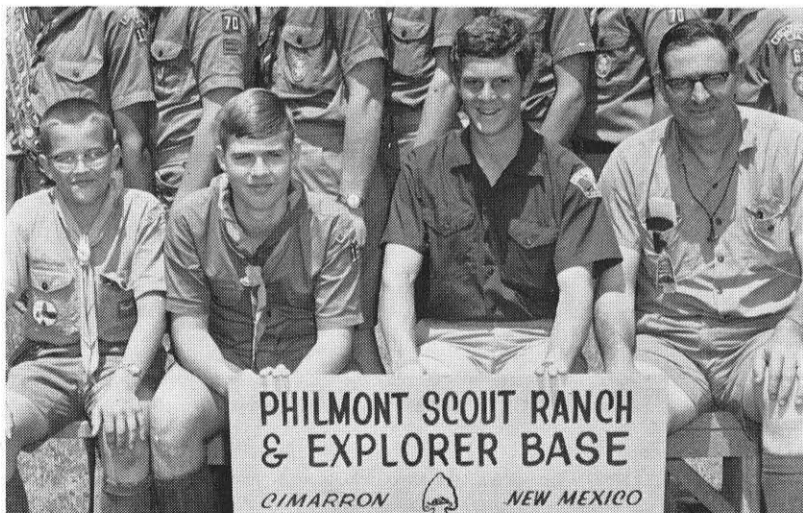
Lineman Helper Training Schools throughout this past year "stretched" the point somewhat, as this picture shows. One of the exercises was to see how far the men could reach and do line work while belted to a pole. In this shot, T. D. Alderman, lineman helper in the Hillsville line crew of the Pulaski division,

reaches out as C. A. Kidd, line foreman at Christiansburg, measures. The school was at Bluefield. The exercise, it was pointed out by the safety department, is in no way a contest to see who can reach the farthest, but is used as a confidence-builder to help the men get accustomed to the pole.



Heady Find

Pictured above is what summer college student Daniel R. Johnson thought to be a relic of prehistoric days when he dug it from the earth along the railroad tracks at Clinch River plant. Closer observation and testing revealed it came from refractory materials used in the ash hoppers.



Fieldale Scouters Active

Harvey L. Agee, Fieldale area meterman in the Roanoke division, spent part of his summer helping to supervise a cross-country trip to the Philmont Boy Scout Ranch at Cimarron, New Mexico. With him were (left to right) his son Billy Agee and Buddy Turner, son of George W. Turner, customer representative at Stuart, and another Scout. Mr. Agee is seated on the right. There were 26 boys in the group which made the 4,000-mile round trip. Other Fieldale employees active in scout work are B. C. Harlowe, working foreman, W. R. Parcell, station, and B. E. Shelton, lineman.

Hawaiian Sweet Potatoes

A Hawaiian Sweet Potato dish was judged the best of 62 entries in a cooking contest held at Roanoke. Ann Browning, division home sales representative, was one of the judges and is shown here sampling an entry. The recipe for the winner was: 2 cans sweet potatoes, 1 can pineapple rings, 1 stick butter, 1/2 cup whipping cream (whipped), 2 heaping tbsps. cornstarch,

1 tsp. butter and nut flavoring, 1/4 tsp. pumpkin pie spice, 1 cup granulated sugar, 1/4 cup grated coconut and 6 maraschino cherries. Drain liquid from sweet potatoes and pineapple rings into a saucepan. Add sugar, cornstarch and butter. Cook until mixture has thickened as a pudding. Remove from heat and add spice and flavoring, stirring well. Fold in whipping cream. Pour sauce over potatoes which have been arranged in a baking dish. Arrange pineapple rings on top and sprinkle coconut over all. Add cherries to center of pineapple rings and bake for 20 minutes in a pre-heated 350-degree oven. Makes 15 servings.



Still Burning

Mrs. Charlene Coleman, home economist at Lynchburg, compares old carbon plug-in type bulb with modern lamp bulb. The old bulb, patented in 1881 and which has illuminative power of 16 candlepower, still burns with a fairly brilliant light.



Ira Conn and three members of his troop, with their red hearse.

Shiny Red Hearse Is Not What It Seems, So It Seems

"Pack up your mess kit in the old red hearse and smile, smile, smile."

In what?

In the old red hearse, if you are a member of Explorer Post 31 of Kermit, W. Va. This troop of Boy Scouts, with Williamson Area Serviceman Ira Conn acting as advisor, actually uses a red hearse, donated by a local funeral home owner, as a bus to travel in, to and from camp.

In keeping with the theme, they designed and constructed two "caskets", complete with bonafide casket handles and hinges. These are used to carry food and equipment for their camping expeditions.

But the hearse and caskets are just examples of a troop which is known throughout the Chief Cornstalk Council for using their collective heads to get things done.

At the recent Mingo-Pike Scout Fair at Williamson, Troop 31 won

the blue ribbon for best campsite. The determining factor may well have been the portable latrine the boys had designed and built in such a manner that it could easily be assembled or disassembled with the use of four bolts. This was a first in this area, and other troops are busy now building their own.

At another camporee the troop won first for campsite, assembling their tent in a record 1½ minutes, built a fire and boiled water in 3 minutes, and placed first in every athletic event but one. One of its members is a full-blooded Cherokee, and he has won first in every swimming event entered.

Kermit Mayor Wallace Miller says that "Troop 31 is the best scout troop Kermit has had in 25 years."

So if you're in the area, and see several boys with a red hearse, don't wonder. Rather, marvel at their ingenuity.

Shell Building Is Started

C. W. Hancock & Sons of Lynchburg has been awarded the contract for construction of the Project Decision shell building for industry in Amherst, and construction began in mid-November.

John W. Vaughan, Lynchburg division manager of Appalachian, said that Hancock also built the Lynchburg Project Decision shell building. He said that it is estimated construction on the Amherst building will be completed in early spring.

It will be located in the Amherst Industrial Park, the first building to be constructed in that industrial area.

Work began with the grading of the 10-acre site and improvement of the access road to the site. The building will contain 34,700 square feet, and will be a one-story, brick-faced, attractively designed structure. The area would be landscaped,

and the site is large enough for expansion of the building.

The building was offered to Amherst in April by Appalachian in its Project Decision program. The Amherst Shell Building Corporation was formed and more than 120 investors pledged more than \$200,000 to the corporation.

In the program Appalachian constructs the building with its own funds, and then helps the community locate a suitable industrial tenant. When one is found, the community returns Appalachian's investment to the company and negotiates its own terms with the industry. Appalachian takes its investment and builds another shell building elsewhere.

Appalachian has already begun a program of promoting the building and the community, and these efforts will continue until a suitable tenant is located.

Appalachian Will Build 34 Miles Of 500-kv Line For Link With TVA

Appalachian is investing more than \$9-million on facilities for a major new transmission interconnection between the American Electric Power System and the Tennessee Valley Authority, it was announced to the public last month.

The interconnection itself was announced a year ago.

Included in the facilities Appalachian will construct are a 34-mile 500,000 volt line and a transformer and other facilities at the new Broadford substation, being constructed near Saltville.

The facilities will enable Appalachian to tie the new interconnection into our 765,000 volt system, which is presently under construction.

Appalachian will build the new line from Broadford to the Virginia-Tennessee border, about 34 miles. TVA is extending its 500,000 volt facilities from its Bull Run steam

plant into upper East Tennessee to a new 500,000/161,000 volt substation in Sullivan County. TVA will construct a 500,000 volt line from the Sullivan County substation to connect with Appalachian's 500,000 volt line near Bristol.

The new interconnection will strengthen the connections between the two large power systems to permit power exchanges for mutual economies and to provide increased service reliability for both systems.

This is the first extra-high-voltage interconnection between the two systems, although the two systems have been exchanging power since 1941 through lower voltage ties at Bristol, Boone hydro plant, and Pineville, Kentucky.

The initial capability of the new interconnection will be about 1,500,000 kilowatts, and it is expected to be in service by the fall of 1970.

'Rambles' For Wild Flowers Favorite Pastime

Lynchburg Couple Finds Beauty Everywhere

The Bible in speaking of the "Lilies of the Fields" states, "King Solomon in all his glory could not rival one of these". The Bible must have included all wild flowers along with the lilies, according to Mrs. Hugh Garrison, Lynchburg employee's wife.

"There is beauty all around us. You do not have to travel so far from home to look for wild flowers. Just an hour or two in the woods and meadows near your home can sometimes bring many surprises and new finds," she says.

Mr. and Mrs. Garrison have always liked to hike through the woods and observe nature at work and wintertime is no exception.

About eight years ago, they learned that Dr. Ruskin Freer, a retired biology professor at Lynchburg College, was organizing a "Ramble for Wild Flowers". Upon investigation they found this to be an all day field trip to "find and study wild flowers." They joined approximately 40 other people and went on their first field trip. Since then the Garrisons have been on numerous field trips, rarely missing one.

In addition to the regular "Ramble", the Garrisons spend weekends walking along the Blue Ridge Parkway or on other trails in search of wild flowers. One of their favorite places is the Potomac Highlands and the Alleghany Front. These two places are located on the headwaters of the Potomac River. The Potomac Highlands are also called the "Birthplace of Rivers". Here the streams flow in all directions—North, East, South and West. The flowers found in this location are also found in Alaska and other far northern places.

Wild flowers change with the seasons, and there are flowers all year 'round. The Garrisons have gone out and walked through the snow and found such species blooming as bloodroot, hepatica and trailing arbutis, but during the spring, summer and fall, more variety of flowers are found.

The Garrisons are always on the lookout for rare flowers.

As Hugh Garrison, stationman, states, "we like to find them, identify them, classify them, and photograph them."

The Garrisons have numerous color slides of flowers throughout Virginia and West Virginia, all of which are properly classified as to species. They have shown their slides to various groups and particularly to groups who have the same hobby as themselves.

In the words of the Garrisons, "Go out, walk around, and see nature. This countryside of ours is truly beautiful."



Garrisons inspect flower find.

Handcut Crystal And China Bring Joy And Memories To Huntingtonian



Setting a dazzling table of antique china and crystal is Mrs. Inis Nebel.

Delicately made with loving care, handcut china and crystal are among the world's beautiful things.

Mrs. Inis Nebel thought so too when she began a collection of crystal and china with several pieces handed down in her family. She and her late husband, Karl, admired the workmanship and were fascinated with the craftsmanship.

On week-ends and vacations, the

two browsed through antique shops in neighboring states, and Mrs. Nebel, who is secretary-stenographer in the commercial department in Huntington, now has 45 pieces in her collection.

She says that her collection is priceless to her and is not for sale. She now collects it for its beauty, and for the memories of previous crystal hunting trips with her late husband.

At Groundhog Mountain Development

Appalachian Uses First Sodium Conductor

Sodium, according to Webster, is "a silver white, soft, waxy, ductile element of the alkali metal group." It is also, as the definition goes on, "abundant in nature in combined form and very active chemically."

Like some metals, it is good conductor of electricity. Being ductile, it is easily molded or fashioned. And being abundant, it is low in cost.

Great! Why not use it for electrical conductor?

* * *

That's What the Nacon Corporation and the American Electric Power System are doing. They have joined in the installation and use of sodium cable in an underground electric power distribution system at a higher voltage than ever before.

Success of the new installation already foretells bigger and better things for the future.

Appalachian and Nacon jointly announced last month the underground installation of a 34,500-volt sodium conductor circuit at the Groundhog Mountain residential

development on the Blue Ridge Parkway in southern Virginia. This "resort-retirement-retreat" community, now partially completed, eventually will include several hundred homes and apartments—each with a spectacular view of the beautiful Blue Ridge Mountains—and shopping center, golf course, lodge and other recreation facilities.

AEP and Nacon had pioneered in earlier installations at lower voltages at Canton, Ohio. These permitted evaluation of the operating characteristics of sodium cable and proved its feasibility for underground electric lines. But the Groundhog Mountain project is the first at the higher voltage.

This sodium cable installation is part of an underground primary loop system feeding a sub-division of the development. The cable is the electrical equivalent of No. 2 copper. Special connectors designed and manufactured by Burndy Corporation and stress cones by the Bishop Manufacturing Corporation and the Elastimold Division of the Elastic Stop Nut Corporation are connected at both ends of the cable section.

The cable's sodium core, which

carries the electric current, is encased in a tubing-like jacket extruded from polyethylene, which has outstanding dielectric properties and is already in wide use for underground power cable installations. In addition, this plastic is compatible with sodium, which—referring back to Webster—is very active chemically.

Standard compression fittings used with aluminum or copper cable won't work with sodium. That's because sodium, having no "body," will not provide sufficient rigidity for connection with electrical fittings designed for other metals. But the connector manufacturer solved the problem by designing new devices, one of them using the corkscrew principle to take advantage of the soft metal.

The chief advantage of sodium cable is economic. Raw material costs for equivalent electrical capacity are lower than with the use of aluminum or copper cores. It all adds up to being another step in lowering the cost of underground electric distribution.

And underground distribution, with no visible poles or wires, is part of keeping America beautiful,

117 Participants In Training Program

Lynchburg Drivers Placed In Safety Seat

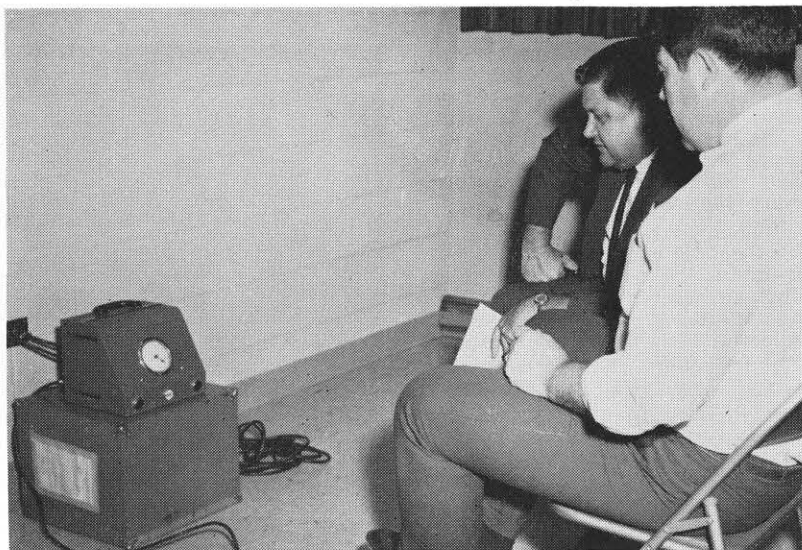
How to improve driving skills, reduce accidents and improve the safety record was the question in the Lynchburg division. The answer was a Driver Training Program.

Most employees have been driving for years and it is a routine part of our everyday lives. The driver improvement program was designed to re-emphasize the importance of driving as a part of our business.

When we have accidents our operation is adversely affected. Accidents may mean injuries, damage to equipment—out of service, economic costs and bad public relations. On the other hand, company drivers who drive courteously and defensively help develop a positive feeling from the public about our operation.

W. S. Kitchen, safety director and C. R. Wooten, safety coordinator, came to the division and trained members of the Safety Steering Committee to serve as instructors for the course.

Instructors were: F. D. Giles, customer accounts supervisor; J. Otis Franklin, meter service foreman; N. K. Langhorne, head material clerk; and Mr. Wooten. W. D. Crews, division personnel supervisor, served as director of the driver improvement program. Eight four-hour sessions were conducted for all employees who operated company vehicles. There were 117 participants in the program.



W. D. Crews checks Tom Oliver on brake reaction machine.

John W. Vaughan, division manager, opened each session and stressed the importance of safe driving.

Classroom work consisted of a driver knowledge quiz and discussion of the factors included in the quiz. Each driver was encouraged to participate in these thought-provoking sessions.

A telebinocular machine was used in conjunction with the Key-

stone Driver Vision Test. Drivers were tested on color perception, glare, peripheral (span) vision, and night vision. The purpose of these tests was to uncover physical limitations that may exist.

Braking reaction time was tested with a special machine. A gauge registered a score for the time from the moment a braking situation demanded the application of brakes and the time that the brakes were actually applied.

One of the most revealing sections of the driver improvement program was the road test. Each participant was required to drive a previously outlined route with actual traffic hazards and conditions. An instructor accompanied each driver on the road test and observed driving habits and skills of the driver. At the conclusion of the road test, any unsafe habits or practices were discussed with the individual. It was also noted that many drivers practiced safe, defensive driving habits.

Indiana Generator Is Inspected: By Engineers 640 Miles Away



GE specialists inspect the Tanner's Creek generator in Lawrenceburg, Indiana, (top) while consulting with GE personnel in Schenectady, New York, (bottom).



It might be called another AEP first.

A major innovation in power plant maintenance was demonstrated recently when a large steam turbine-generator at the Tanners Creek Plant at Lawrenceburg, Indiana was visually inspected by the manufacturer's engineers.

The engineers were in Schenectady, New York at the time—640 miles away.

Closed-circuit television was the answer. The unique TV demonstration linked Tanners Creek with General Electric's main turbine-generator complex and successfully tested the feasibility of using a two-way video and audio communication link between a remote turbine-generator installation and

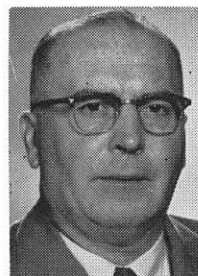
the GE design and engineering staffs. In practice, the system would speed diagnosis and maintenance decisions, and, in turn, accelerate the unit's return to service.

J. A. Urquhart, manager of GE's Turbine-Generator Marketing Operation, said, "It is conceivable that in the future a nationwide TV network would become operational in which any power plant with a GE turbine-generator could have consultations rapidly with design and engineering specialists in Schenectady during an outage."

The demonstration was set up with the cooperation of International Telephone & Telegraph Corporation.

Huntington Men Pen Two 'Ideas'

Three Huntington division men contributed stories to the November issue of AEP's "Operating Ideas." They were: V. L. Thacker, D. W. Ritchie and P. C. Kelsey.



Mr. Thacker

The first two combined on a story explaining "How To Remove Insulation From 69-kv Cable". The item pointed out that the task was getting more difficult as the size of the conductors grew. Whittling or cutting the polyethylene insulation with a knife was slow, tedious and posed a possibility of damaging the conductor. The answer was to use a nylon cord to "saw" through the insulation and an ordinary automotive bearing puller and clamp to pull the severed section from the stranded conductor.

Mr. Kelsey penned an article titled "Culvert For Manhole Access." It said that a section of three-foot diameter culvert was used to provide access to the manhole. It saved time, effort and saved on cost of building forms and pouring concrete around reinforcing rods.



Mr. Ritchie



Mr. Kelsey

Appalachian Participating In Two Fast Breeder Reactor Developments

Appalachian Power Company is involved in a new program to advance the development of the gas-cooled fast breeder reactor (GCFR) nuclear power system.

This company is one of 14 electric utilities comprising East Central Nuclear Group, which last month announced that it will undertake a joint GCFR study with Gulf General Atomic. This study will complement an over-all GCFR development program revealed last June by 21 other utilities and Gulf General Atomic.

Joe P. Gills, executive vice president of Appalachian, said that the gas-cooled breeder system represents an important approach toward development of a reactor system with an exceptionally high breeding gain of new fissionable material and resultant low fuel cost. The GCFR system has the potential to create—or breed—over 50% more fissionable fuel than is consumed in its operation.

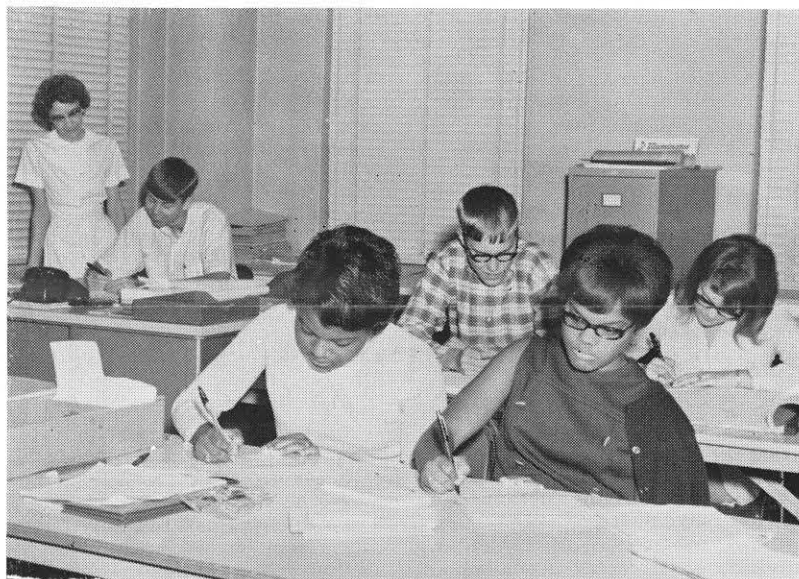
ECNG, the first privately financed utility organization to engage in GCFR development, previously participated with Gulf General Atomic in two other GCFR study programs in 1965-67, including the conceptual design of a million-kilowatt GCFR power plant. The new ECNG/Gulf effort will concentrate on safety aspects of the GCFR, including reactor fuel, core and shielding, coolant flow systems, and plant design.

The American Electric Power System has joined the fast breeder nuclear reactor development program in progress at North American Rockwell's Atomic International Division, it was announced last month.

The AEP effort will support Atomic International and General Public Utilities Corporation in their joint program to develop a sodium-cooled fast breeder reactor. Goal of the program is to develop such a reactor with a capacity from 350,000 to 500,000 kilowatts which could be installed on the system of Pennsylvania Electric Company, a GPU subsidiary.

The reactor being developed is called a breeder because it creates new nuclear fuel faster than it consumes it. It is expected to find widespread future use because of its anticipated low electric generating cost.

Utilities which previously joined the AI/GPU program are: Baltimore Gas and Electric Company, Delmarva Power and Light Company, Duke Power Company, and South Carolina Electric and Gas Company, in addition to the other GPU subsidiaries, Metropolitan Edison Company, New Jersey Power and Light Company, and Jersey Central Power and Light Company.



Jane Plunkett oversees temporary employees.

Lynchburg Is First To Establish New Load Monitoring Program

Lynchburg was the first division in Appalachian to set up the Distribution Transformer Load Monitoring Program. To carry out this program, six temporary employees were hired to assist other employees in the T&D section.

This change-over was under the direct supervision of Miss Jane Plunkett, head T&D clerk. The temporary employees converted existing records to electronic data records. With the "change-over" completed, the division has "computerized records" rather than manual records.

Lynchburg division was selected to be first in this program for several reasons. The division is not too large or too small; serving approximately 40,000 customers. The record cards have 90 percent of the service pole numbers listed on them. In the majority of divisions, the pole numbers will have to be checked in the field and made part of the transformer record. Also, in this division, there is an up-to-date transformer-customer association file.

The former system, which had been in use in Lynchburg for a large number of years, consisted of a transformer card, containing pertinent data, and a record load card for each customer served by the particular transformer. Any change in the customer load was entered on this record load card. The total load of the transformer was computed by adding the

customer's load as shown on record load cards. Any load, such as high wattage water heater or other heavy duty appliances purchased by customer and not reported to the T&D section, could easily cause a transformer to become overloaded or to be "burnt out".

This new program will eliminate these conditions. The first phase of this new program was the transcribing of information, such as name plate data, KVA capacity, transformer number and pole number, to the computer record card.

The second phase consisted of the association of the division's 40,000 customers with the transformer that serves them. This load card shows the actual electrical usage of each customer through meter consumption and master billing file. This information is taped and given to the computer. A feed-back to the division ascertains if a transformer is overloaded, underloaded, or efficiently loaded.

The advantages of the Monitoring Program will give each division more accurate information relative to transformer loading and efficiency as the new system loads are based entirely on KWH usage.

The change-over from manual system to the new system should be completed during September of this year.

Service Anniversaries Noted

30 Years



R. E. Presley Beckley



R. B. Waggoner Lynchburg



L. M. Miller Lynchburg



W. Z. Trumbo Kingsport



M. R. Callaway Bluefield



C. F. Casto GO-Comm.



C. L. Phillips Huntington



G. T. Boothe Williamson



S. P. Dahmer GO-Accounting



Nicholas Roomy GO-Area Dev.

25 Years



Louise Woodie Ashland



M. A. Layne Pikeville



R. B. Allen Charleston



W. T. Collins Jr. Bluefield



Sylvia Darnell Gate City

20 Years



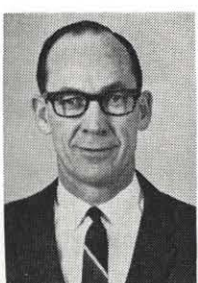
R. M. Crouse Beckley



W. S. White GO-Executive



R. R. Smith Beckley



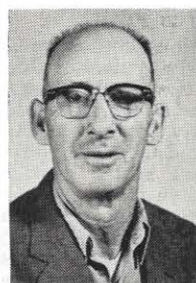
J. P. Fulkner Charleston



J. D. Porter Charleston



E. Kavinsky Charleston



W. M. Drinnon Kingsport



F. E. Wolfe Huntington



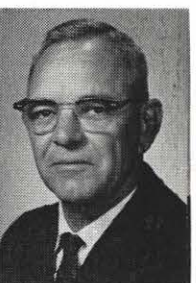
B. V. Winkler Huntington



R. E. Morrison Huntington



K. M. Spicer Roanoke



Leonard Crum Logan



J. R. Summers Cabin Creek



C. E. Petry Jr. Cabin Creek



E. G. Clevenger Sporn



R. L. Adams Hazard

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.



Appalachian Power Company

ABINGDON DIVISION—25 YEARS: SYLVIA H. DARNELL, customer representative.

BLUEFIELD DIVISION—30 YEARS: MURRY R. CALLAWAY, R/W agent. 25 YEARS: W. T. COLLINS JR., customer accounts supervisor. 15 YEARS: LEONARD ADAMS, meterman. 5 YEARS: ROSCOE MATNEY, T&D clerk.

CHARLESTON DIVISION—35 YEARS: WILLIAM A. QUARRIER, material clerk. 30 YEARS: RICHARD E. PRESLEY, stores and garage supervisor. 25 YEARS: RALPH BERRY ALLEN, collector. 20 YEARS: ROY M. CROUSE, meterman. RICHARD R. SMITH, T&D clerk. ERNEST KAVINSKY, customer service representative. J. D. PORTER, dealer sales coordinator. JENNINGS P. FULKNIER, dealer sales representative. 15 YEARS: DONALD A. LOY, commercial sales representative. 10 YEARS: PATRICIA ANN CUMMINGS, personnel clerk. 5 YEARS: CARROLL J. HOWARD, lineman.

GENERAL OFFICE—40 YEARS: ARNOLD V. HANNAH, station operator. 35 YEARS: ROBERT L. HERR, regional chief operator. 30 YEARS: STANLEY P. DAHMER, payroll and personnel accounting supervisor. [NICHOLAS ROOMY JR., area development consultant. CHESTER F. CASTO, communication engineer supervisor.]20 YEARS: W. S. WHITE, assistant vice president. 15 YEARS: FRANKLIN F. WEBB, control wireman. [RALPH D. MUDGETT JR., chief, civil construction. HANLEY R. MAYES, engineer.] 10 YEARS: GERTRUDE L. FOWLER, stenographer. 5 YEARS: JEAN W. THOMPSON, data processing operator.

HUNTINGTON DIVISION—30 YEARS: C. L. PHILLIPS, heating and building sales representative. 20 YEARS: F. E. WOLFE, service representative. B. V. WINKLER, instrument man. R. E. MORRISON, engineer aide.

LOGAN-WILLIAMSON DIVISION—40 YEARS: JACK AKERS, station foreman. 30 YEARS: GEORGE T. BOOthe, power sales engineer. 20 YEARS: LEONARD CRUM, auto repairman.

LYNCHBURG DIVISION—30 YEARS: L. M. MILLER, sales supervisor. R. B. WAGGONER, division accounting supervisor. 20 YEARS: N. K. LANGHORNE, head material clerk.

ROANOKE DIVISION—20 YEARS: KENNETH M. SPICER, lineman. 15 YEARS: VOLNEY P. REYNOLDS, lineman.

CABIN CREEK PLANT—40 YEARS: WALTER L. JOHNSON, chief plant dispatcher. 20 YEARS: CLARENCE E. PETRY JR., instrument maintenance man. JACK R. SUMMERS, boiler operator.

CLINCH RIVER PLANT—10 YEARS: BOBBY G. HOBBS, equipment operator. ROOSEVELT C. CHAFIN, plant janitor.

GLENN LYN PLANT—15 YEARS: EVERETT V. HARRIS, chief chemist.

PHILIP SPORN PLANT—20 YEARS: ELTON G. CLEVINGER, maintenance man. 15 YEARS: ROBERT G. HART, tripper operator. CHARLES E. HANNUM, material clerk. RICHARD W. RUSSELL, maintenance man.

BIG SANDY PLANT—15 YEARS: B. DALE WILLIAMS, maintenance foreman.

Kentucky Power Company

ASHLAND DIVISION—35 YEARS: E. C. CASSIDY, general power sales supervisor. 25 YEARS: LOUISE WOODIE, merchandise bookkeeper.

HAZARD DIVISION—20 YEARS: ROBERT L. ADAMS, stationman.

Kingsport Power Company

35 YEARS: L. E. NUTTER, line supervisor. 30 YEARS: W. Z. TRUMBO, personnel supervisor. 20 YEARS: W. M. DRINNON, stationman. 15 YEARS: J. A. RANDALL, JR., residential heating salesman.

From Kentucky, Kingsport, Appalachian

Seven Cited With Long Service Awards

Seven men from our three companies received extended service pins last month.

Leading the list with 40 years were: Appalachian's Arnold V. Hannah, Turner station operator; Jack Akers, station foreman at Williamson, and Walter L. Johnson, chief plant dispatcher at Cabin Creek.



Mr. Hannah

Receiving 35-year pins were: R. L. Herr, regional chief dispatcher at Cabin Creek; William A. Quarrier, Charleston division materials clerk; Kingsport's Loomis E. Nutter, line supervisor, and Kentucky's E. C. Cassidy, general power sales supervisor in the general office at Ashland.

Mr. Hannah first worked as a laborer at the old Logan plant, starting in 1928. He remained there until the plant was retired in 1961. He served in several capacities and was shift supervisor at the plant's retirement. He then transferred to general office operations and went to Roanoke in 1962 and to Turner in 1965.

Mr. Akers has spent this entire 40 years of service in the Logan-Williamson division. He has

served in several positions, becoming maintenance man-A in 1950 and substation foreman in 1951.

Mr. Johnson is a 40-year veteran of Cabin Creek plant. He started as a filter plant operator and in 1944 became control operator and in 1964 chief plant dispatcher.

The first of the 35-year pin recipients, Mr. Herr, joined Appalachian at Roanoke as an electrician. In 1941 he became station superintendent and transferred to the Holston station. He was named regional chief operator in 1955.

Mr. Quarrier has spent his 35 years in the Charleston division, starting there as an address file clerk. He also served as meter reader before being transferred to the transportation department and later to the T&D department. He served in various capacities in the T&D department after returning from military service in 1945. In 1962 he became materials clerk in the stores department.

Mr. Nutter, line supervisor for Kingsport, has spent all of his service with that company. He started as a lineman and later became line foreman. He was named line supervisor in 1953.

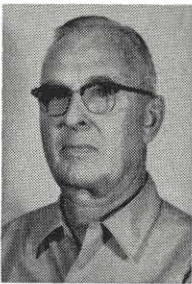
Kentucky's Mr. Cassidy first joined the company at Pikeville in the meter department. Since then he has worked as assistant meter superintendent, power engineer and division commercial manager. In 1948 he was transferred to Ashland as general power sales supervisor for the company.



Mr. Akers



Mr. Johnson



Mr. Herr



Mr. Quarrier



Mr. Nutter



Mr. Cassidy

Crews Work Around Clock

Appalachian Employees Feel Wrath of Snow Storm

Veteran Appalachian Power employees just shake their heads over the storm which hit southwestern Virginia in November, and they all agree: "It was the worst case of power troubles we have ever had."

The troubles began around midnight November 11 when heavy, wet snow, combined with trees still heavily laden with leaves, caused the first electric service to go out. Final restoration of isolated customers was made Friday, November 15.

About 40,000 customers of Appalachian suffered power outages in an area extending from Roanoke to Lynchburg, Martinsville, and Wytheville. Affected in varying degrees were the Roanoke, Lynchburg, Pulaski, Abingdon and Bluefield divisions.

Most of the trouble came from snow packing on leaf-laden trees, causing limbs and entire trees to fall into power lines. Some were so heavy that when they hit lines, poles were snapped off. There were also cases of snow on lines causing them to break, and in other cases, snow falling off lines would cause

the lines to snap back up into others, causing short circuits.

There was no pattern to the failures. In some areas, main distribution lines were out, while in others, only customers at the end of a branch line were affected. Rural areas did suffer the most, however. In the Fieldale area, Appalachian succeeded in preserving its service to Danville and Martinsville, although both suffered troubles on their own systems.

Service restoration was directed from service centers in several of Appalachian's offices, such as Roanoke, Lynchburg, Fieldale, and Pulaski.

At the peak there were as many as 400 Appalachian employees and employees of electrical contractors working to restore electric power. Many of them worked from 20 to 32 hours at a stretch, rested, and then went back to work.

The power failures were described by Appalachian employees in the Roanoke and Fieldale areas as the worst they had ever seen. In these areas, trouble began at midnight Monday and some of it continued into Friday. In

Lynchburg, the first trouble occurred at 3:30 a. m. Tuesday, and full service was restored by 7 p. m. Wednesday. From Christiansburg west, it was around 12:30 a. m. Monday that the first outages occurred, and the final customers were returned to service late Thursday.

High winds and drifting snows in many parts of southwestern Virginia hampered service restoration efforts, causing new failures and preventing crews from reaching isolated trouble spots as quickly as they wanted. In some places, lines had to be returned to service several times.

A breakdown of customers without electric service showed 10,000 in the Roanoke-Rocky Mount area, 12,000 in the Fieldale-Collinsville-Stuart area, 2,000 on the outskirts of Lynchburg, and over 15,000 in Pulaski, Giles, Carroll, Grayson, Floyd, Montgomery, and Wythe Counties.

Over 100 crews from Appalachian and from contracting firms, such as Davis H. Elliott, Pike Electrical, and Richardson-Wayland, worked on the trouble. The crews averaged about three men each, and in the case of contract crews, each was assigned a member of Appalachian's engineering department to serve as guide.

Service restoration procedures in Roanoke were fairly typical of that used throughout the troubled area. R. B. Kilgore, line supervisor, said that the company began calling crews in before midnight Monday. Line, station, and meter service crews were placed in reserve, some at the service center, some at points around the system where trouble might occur. A few of the crews went to work right away on the early troubles.

Meantime, office personnel had been called in to man the company switchboard and telephones at the company's Walnut Avenue service center. As customers would call, crews were dispatched either from the service center or by two-way radio in the field.

Complete restoration of electric service is not the end of it for Appalachian. Many temporary repairs were made to lines and other facilities to restore power quickly. Now the company faces weeks of work effecting more permanent repairs.



KIPOWCO Incorporated

Ross Strickler is congratulated by Kingsport Power employees after being elected president of the company-sponsored Junior Achievement company, KIPWCO. Ross is the grandson of C. G. Allison, stores supervisor. Gayle Rayfield, daughter of J. G. Rayfield, records supervisor, is safety director of the company. Advisors W. Q. Smith and Mack D. Williams are at left. Executive Vice President C. J. Bryan shakes hands with Ross, while Advisor Charles S. Lingar is at right. Alternate advisor is Lawrence Miller Jr. The company has 26 members, and officers will serve the first half of the year.

Happiness Is A Newly Adopted Son

A most agreeable surprise greeted Mrs. William Spencer, wife of the Reusens hydro station man, when she read the Lynchburg newspaper a short time ago.

There before her was an Associated Press wirephoto of her son, daughter-in-law, and their newly adopted Korean son. The family lives in Lancaster, Pa.

The paper had picked out what it thought was an interesting photo for the afternoon paper, but was no less surprised than Mrs. Spencer to find out that a Lynchburg native had attracted the attention of a national wire service.

Mrs. Spencer's son, by a previous marriage, is Henry Holt III. He was not only born in Lynchburg, but was raised and worked there until 14 years ago when he took a job in Pennsylvania. Both he and his wife, Catherine, are deaf mutes, as is their newly adopted son, Matthew, formerly known as Kang-Shi Woo.

The Holts have been married for 12 years, but had no children and had little prospects of adopting one since they are both deaf. For several years they had been helping to support a young Korean girl.

It seems that Matthew needed a home, and the Holts evidently felt they needed Matthew too. After several years of waiting and wading through adoption procedures, the Holts greeted Matthew at New York's Kennedy Airport. And in a letter to his mother Mr. Holt summed up his pleasure at having a child with "things will never be quite the same now."

The child will not only have to learn English, but sign language as well. But the child "is bright, and he'll pick it up quickly."

Matthew is seven, and his first



Mrs. William Spencer displays the Lynchburg newspaper which carried the wire service photo of her son, daughter-in-law, and their adopted Korean son. Photo courtesy Lynchburg News & Daily Advance.

present was a pair of shoes "to go along with his American clothes that had been sent to him by mail."

Mrs. Holt will be quitting her job now to take on a new role as mother, but despite the unavoidable

difficulties ahead, she is looking forward to it. Matthew will come to Lynchburg as soon as he gets accustomed to his new life, and when he does, he's assured of a royal welcome.

Reusens Park Proposed

Appalachian has proposed to the Amherst County Board of Supervisors the development of a recreation area on Reusens lake in the Lynchburg division. This area would include camping, picnicking, and boating facilities.

The area to be developed is nearly 10 acres of land three miles upstream from the company's Reusens hydro-electric dam on the James River. The site is known as the Old Mansion House property.

Appalachian proposes that the development be a joint venture of the company, Amherst County, and the Commonwealth of Virginia, with the company bearing most of the investment.

The development would be on land which Appalachian purchased this summer on the Northeast bank of the James River. The old home on the property has been demolished. Appalachian would grade and gravel a parking area, construct and equip picnic sites, install water and sewage systems and a comfort station, build drinking fountains, and provide lighting. The company would also have the area landscaped.

The company has asked Amherst County if it would construct and pave a mile of access road, starting where a private road now leaves State Highway 787. The company is proposing that, in the future, the county would be responsible for administrative supervision, police protection, garbage pickup, and general maintenance of the recreation area.

In the plan, the state would provide a boat launching ramp and dock.

There would also be primitive camping facilities on part of the land.

Appalachian's total investment in the recreation area would exceed \$50,000. The area would be leased to Amherst County on a dollar a year basis by Appalachian.

Reusens Dam itself is a landmark in the area, having been constructed in 1904 by the Lynchburg Traction and Light Company. It became part of Appalachian's system in 1926, when a high voltage line was built to it from the company's Glen Lyn, Va. steam plant. Later lines were built to Roanoke and other locations.

Meter - Smaller And Better



M. G. Covey and W. M. Mills of the Roanoke division compare meter sizes, from a 1905 model at right to the newest one at left.

Sometimes things are bigger and better, sometimes smaller and better. The latter is true of new meters being used in the Roanoke division.

The new single phase meter the division is using weighs three pounds less than its predecessor, and is almost 2 inches shorter. Even so, the new meter is rated at 200 amps, while the old ones were rated at 15 amps. One of the big changes in the new one is that the rotating disc now floats without friction in a magnetic field rather than on a jewel.

But the meter remains as one of man's most accurate instruments

of measurement. So accurate, in fact, that Appalachian changes only about one percent of its meters each January, testing them carefully in the shop.

With 97,000 meters in use in the Roanoke division, about 150 are retired monthly for one reason or another. For one thing, all inactive meters are removed after six months of nonuse.

At the same time, about 4,500 new meters are purchased annually to keep pace with growth and maintenance of meters in the division.

The commonplace electric meter is shrinking in size, but growing in performance.

AEP To Offer Eight Fellowships; Program Will Begin Next Fall

The American Electric Power System Fellowship Program, which since 1964 has provided a year of graduate study in power systems engineering, has been expanded to eight fellowships.

Beginning next fall, the fellowships will be available at Rensselaer Polytechnic Institute, Northeastern University, Purdue University, The University of Wisconsin, Cornell University, Clarkson College of Technology and Massachusetts Institute of Technology.

Thomas M. Piascik, studying electrical engineering at RPI, and David L. Schaar, in mechanical engineering, are this year's fellowship winners. Four fellowships were offered for the present academic year, but draft commitments kept the quota unfilled.

The fellowship idea for advanced study is not limited to AEP. Other electric utilities have also adopted it as another means of acquiring skilled engineers with a particular flair for utility work. Power systems engineering has been largely ignored in academic circles since the war, with attention being paid more to the more glamorous and exotic fields. Professor Eric T. B. Gross, who holds the Philip Sporn Chair at RPI, has been in the front ranks of those seeking to turn the tide of engineering talent toward the electric utilities.

Equally insistent from our side of the picture has been Larry Dwon, the Service Corporation's manager of engineering manpower. He sees the expansion of the

fellowship program and the development by other utilities of the same kind of program as having great strengthening effects on the growth of the utility industry. Winning a fellowship does not bind a student to the company which grants it and, if he moves to another utility, the industry still benefits.

Of the 12 degrees that have been earned through the years via AEP fellowships, the Service Corporation retained seven, losing the remainder to other utilities or power apparatus manufacturers. On the other hand, Dwon points out, we have gained six other engineers who earned advanced degrees in other companies' programs.

The fellowships are open to all graduating seniors in engineering, but preference is given to those who have worked for an electric utility, either as a summer student or as a cooperative student. Winners spend the summer before their enrollment in graduate school working with the Service Corporation. The fellowship covers full tuition, registration, and laboratory fees, plus stipends, for the winner and each dependent.

Previous AEP fellowship winners now with the Service Corporation are: S. T. Ehrmann, J. H. Charkow, J. C. Hoebel, R. A. Donia, O. H. Klitin, J. H. Provanzana, and H. A. Tarler. Klitin earned his master's at Northeastern University and Hoebel at Cornell. The other studied under Professor Gross at RPI.