

# the ILLUMINATOR

PUBLISHED FOR THE EMPLOYEES OF APPALACHIAN POWER COMPANY • KENTUCKY POWER COMPANY • KINGSPORT POWER COMPANY • OF THE AMERICAN ELECTRIC POWER SYSTEM  
Vol. XXIV, No. 9, June, 1973



## AEP To Develop New Low-Sulfur Coal Mine in West Virginia

The American Electric Power System will develop a major new coal mine in northern West Virginia, about five miles south of Fairmont in Marion County.

Designated the Martinka Mine, the facility will produce nearly 2-million tons of high-quality coal annually for use in AEP System generating plants. When in full production, the mine is expected to employ 500 miners and other personnel with an estimated annual payroll of about \$6.5-million.

Cost of the development, including construction of a coal preparation and washing plant, is estimated at \$25-million.

West Virginia Governor Arch A. Moore, Jr., announced the new development in a press conference in Charleston and termed it "a welcome addition" to the

state's industrial profile. "I consider it a strong expression of confidence in the vitality and future of West Virginia's economy and our stature as an energy state," he said.

Soil investigation and site preparation work were expected to begin at once. Mining is expected to commence in about six months and production to be attained by the spring of 1975.

Initially, two openings will be developed for the drift-type mine. The site, under lease from Hillman Coal & Coke Company, was the scene of some mining operations in the past, the most recent being about 25 years ago. Reserves are estimated at about 80-million tons.

Coal from the new mine, after processing, will have a sulfur content of about 1.6 percent. This will help AEP meet air-quality standards at certain of its power plants until mid-1978, when more rigid standards are scheduled to go into effect. Such ability, however, is limited by the mine's anticipated production capacity of under 2-million tons per year — representing only about 1/15th of the System's current annual coal usage. Because of the coal's high-fusion characteristic, however, it cannot be used in certain-type boilers on the AEP System, including Ohio Power Company's Kammer Plant near Moundsville, W. Va., either by itself or in mixture with other coals.

Coal will be hauled from the mine via a branch line of the Baltimore & Ohio Railroad, then delivered to AEP plants either by rail or by river barge or a combination of both.

Paul D. Martinka, for whom the mine is named, is vice president — fuel supply, of the AEP Service Corporation.

## AEP Plans Air Monitoring System In Areas Around 12 Major Plants

The American Electric Power System announced plans last month for the installation of a sophisticated, minute-by-minute monitoring system to measure ambient-air quality around its major generating areas, initially to encompass 12 large power plants in West Virginia, Ohio, Indiana and Kentucky.

In some areas, the System's existing monitoring facilities will be expanded and strengthened by the installation of new, supplemental equipment; in other areas, totally new monitoring sub-networks will be installed.

All of the new monitoring stations to be built and all of the new instrumentation to be installed will be leased from Environmental Research & Technology, Inc., Lexington, Mass., which will maintain both the new and existing monitoring facilities. AEP will continue to own the existing monitoring facilities, as well as the System-wide microwave communications network over which all of the air-quality data will be transmitted.

Air-quality measurements will be continuously telemetered to ERT's computer center in Chicago, which in turn will transmit hourly average data back to both the AEP System Power Production & Control Center in Canton, Ohio, and AEP's 12 generating plants.

The project's cost over the next five years, including charges for the leasing of the new facilities and ERT's services, is estimated at over \$8 million.

In the initial system, 61 monitoring stations will be located in nine sub-networks around the 12 plants. Each station will be housed in an air-conditioned

building (8' x 10' x 8'). Sensing instruments will measure not only sulfur-dioxide and nitrogen oxide concentrations in the (continued on page 2)

## BULLETIN

At presstime, it was learned that creation of a new, senior level of management and the elevation of five key executives to it took place at the May 31 meeting of the AEP Service Corporation's Board of Directors.

In addition, the company's Legal Department was divided into two functions, each headed by a vice president, and the company elected its second woman officer.

Elected to the new position of senior vice president, each of whom will continue to carry his previous responsibilities, were:

- W. J. Rose, vice president and assistant to the chairman of the board.
- John E. Dolan, vice president and chief engineer.
- Paul W. Emler, vice president — commercial.
- T. J. Nagel, vice president — system planning.
- Robert O. Whitman, vice president — accounting, and treasurer.

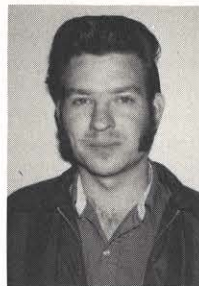
James B. Henry, who had been vice president and general counsel, has been designated vice president and general solicitor

and will be in charge of AEP's litigation function. A. Joseph Dowd, who had been associate general counsel, was elected vice president and named general counsel; he will be in charge of the company's non-litigation legal functions. Henry will continue as secretary of the Service Corporation, and Dowd as assistant secretary of both the parent AEP company and the Service Corporation.

Louise Marshall, executive secretary to Donald C. Cook, chairman, was elected to the office of assistant secretary. She joined Cornelia Marino in the ranks of the company's woman officers.

Chairman Cook, in announcing the elections, said that the moves were made in recognition of the rapid growth of the AEP System, with assets now nearing \$5 billion, and of the necessity to diffuse authority and responsibility among high levels of management so that "the enterprise will continue to be properly managed."

He added that other steps in this direction would be taken at a later date and in other companies of the AEP System.



Hall

## Bruce Hall Rescues Writer

A young man is alive today, thanks to the rescue efforts of Bruce Hall, Clinch River utility operator B.

Bruce and his brother were fishing in the rapids of the Clinch River below St. Paul on April 3 when they saw a man struggling for his life in the water. Bruce removed his heavier clothing and shoes, plunged into the stream and retrieved the man, who was almost frozen and in a state of hysteria. The man was revived after Bruce applied first aid.

The victim turned out to be a writer who was taking a canoe trip down the Clinch River to gain some first-hand information about the territory for an article. His canoe capsized and he had struggled for survival in the cold water for nearly two hours.

## Sporn Family Day Huge Success; 700 Persons Attend Open House

More than 700 persons attended the Family Day open house held at Philip Sporn Plant April 29. E. H. Gloss, plant manager, emphasized the event was held in appreciation for "rough times" due to heavy work loads in the past few months. He said, "We have come through a period of much hard work, overtime and schedule changes. A day of relaxation is due us all. We sincerely appreciate the efforts of all who have contributed to the success we have experienced in our mission of generating reliable power to satisfy our nation's needs."

The events began early Sunday afternoon, and the first thing children received was a Reddy Kilowatt balloon. Once inside the plant gates, youngsters were attracted to the front lawn where they were given pony, car and rocket rides. Those who dared went into a "space ball" where they could bounce to their heart's content.

The Mason, West Virginia, Volunteer Fire Department prepared barbecued chickens and hot dogs, and members of the

Ladies Auxiliary added other dishes to complete the meal.

Some of the plant bulldozers and heavy tractors were on display at the Coal Yard entrance.

Not all the attraction was on the outside. Each employee was given the responsibility of acting as a guide for his family. Informational placards were placed on strategic pieces of equipment. Visitors asked numerous questions and were amazed at the kind of facilities necessary to produce electricity.

All plant offices were open for tours, and video equipment was placed in the lobby so persons passing by could see themselves on television.

Ben Franklin, IV, a renowned magician, kept his audience spellbound with objects taken from new stations, cards sailing in the air and other feats of entertainment.

Two films produced by the AEP System — "Wild, Wonderful West Virginia" and "Harvests" were also shown to the visitors.

## The Illuminator Wins Award

The Illuminator has been awarded second place for employee newspapers in Group A of the 1973 International Better Copy Contest sponsored by the Public Utilities Advertising Association.

The publication was competing against those of other investor-owned utilities with over 500,000 customers. Judging was based on material printed during 1972.

The Better Copy Contest is the oldest, continuous competition of its kind in the advertising profession. This year marks its 50th year. Announcement of the awards was made at PUA's annual convention in Minneapolis, Minnesota. There were over 2,200 entries in the various classifications of judging.

## APCo 765 Kv Line Hearing Ends; SCC Decision Likely By Fall

Eleven days of hearings, spread over several months, on Appalachian Power Company's application for a certificate to construct a 765,000-volt line between Cloverdale substation near Roanoke and Ivy Creek substation near Lynchburg ended May 22.

The Virginia State Corporation Commission, which is conducting the hearings, set a timetable which could mean a decision as late as mid-October or as early as some time in August.

Attorneys in the case have 30 days in which to file briefs. A period of 21 days will follow, at which time an interim decision will be announced. If the SCC orders a certificate for the original route proposed by Appalachian for the line, a final order will be issued after 30 days.

If, in its interim decision the SCC orders an alternate route for the line, then a 50-day period will follow, during which Appalachian will "give notice" to residents affected by the alternate routing. A one-day hearing will be held at the end of the 50 days and then, after a 30-day period, a final order and opinion will be rendered.

During the final two days of hearings, John W. Vaughan, executive vice president of Appalachian, presented testimony on four alternate routes for the line, which had been ordered by the Commission in February. He also presented testimony on an alternate plan for providing the Lynchburg-Bedford area with additional electricity, which had been proposed by opponents of Appalachian's original line.

Also during the two days, two witnesses for the staff of the SCC presented testimony. All three witnesses were cross-examined.

In his testimony, Vaughan described four alternate routes, two north of and two south of the original proposed routing. He said that Appalachian still considered the original routing the best from the standpoint of economics and environment effect.

While the two northern alter-

nates were not ruled out as possibilities during the hearing, the commissioners did take notice that they would affect counties other than those which would benefit directly from the line and would run through critical environmental areas.

Vaughan also argued that the alternate plan for serving the Lynchburg-Bedford area, which would entail construction now of a longer segment of 765,000-volt line (which Appalachian testified it would construct to complete a loop of 765,000-volt line in the area but which was not needed until after 1980), would be wasteful. He said that this plan — the so-called Szego Plan — would also involve construction of lines north of the proposed route and would, therefore, run into the same problems as the northern alternates presented by Appalachian.

One SCC staff witness, Sam G. Berry, presented testimony on an economic overview of the Lynchburg area and an evaluation of load growth projections made by Appalachian. Mr. Berry in his studies disputed Appalachian's claim that the area is one of dynamic growth but his projections of load growth in the area by 1985 were within nine percent of the company's projections. In earlier years, the difference was only two percent or three percent.

Ernest M. Jordan, Jr., director of the Division of Public Utilities of the SCC staff, presented testimony that, in summary:

- (1) Found that there is need for additional power in the Lynchburg area;
- (2) Stated the 765,000-volt line to answer this need is a sound engineering decision;
- (3) Found that undergrounding should not be considered in the SCC decision because technology does not yet exist;
- (4) Found that a 765,000-volt line is safe;
- (5) And concluded that the commissioners now have enough information to render a decision in the case.



Kingsport Power Company took top honors in Group III of the 1972 Southeastern Electric Exchange Accident Prevention Contest with a .00 frequency rate signifying no disabling injuries during the year. C. J. Bryan, Kingsport Power's executive

vice president, shows the award to Blanche Thompson of the Meter Department. Mrs. Thompson has worked 31 years, longer than any other female employee, and has never experienced a disabling injury.

## Air Monitoring (continued from page 1)

ambient air, but also suspended particulate matter, wind direction and velocity, and ambient-air temperature, and, in some areas, fog density, humidity and rainfall.

Each station will be tied to the other stations in its own sub-network by telephone line, and each sub-network will be tied to the AEP System's basic microwave communications network for real-time data transmission from the plants to Chicago and for the hourly reports back to Canton and the power plants.

Work on the new and expanded facilities, scheduled to be in full operation by January 1, is now under way.

Principal aim of the system will be to confirm that ambient-air standards in the areas of the power plants are being met. A second purpose will be to permit AEP to take part in alleviating local conditions if public authorities should declare an air-pollution emergency in a given area.

AEP Chairman Donald C. Cook emphasized that electronic instruments would constantly measure air quality at ground level. "This will help assure that any sulfur-dioxide emissions from our tall stacks, which are designed to disperse gases in the upper atmosphere, will not create concentrations at ground level — which is the only place where they would be harmful to man, animal or plant life," he explained.

AEP System plants to be covered in the initial network are:

APPALACHIAN POWER COMPANY — John E. Amos and Philip Sporn\*.

INDIANA & MICHIGAN ELECTRIC COMPANY — Breed and Tanners Creek.

KENTUCKY POWER COMPANY — Big Sandy.

OHIO POWER COMPANY — Cardinal\*\*, Gen. James M. Gavin, Kammer, Mitchell, Muskingum River, Philo and Tidd.

It is anticipated that the monitoring system can be expanded later to include other AEP coal-burning plants, both existing and projected.

\*Jointly owned with Ohio Power Co.

\*\*Jointly owned with Buckeye Power, Inc.

## Hale Awarded Engineering Degree



R. W. Armistead (right), Roanoke Division T&D superintendent, congratulates Donnie Hale on receiving an electrical engineering degree from International Correspondence Schools.

April 10 was a red letter day for D. W. Hale, Roanoke Division lineman B. That's when he received notice from International Correspondence Schools that he had successfully completed his studies to earn a degree in electrical engineering.

Donnie, an Air Force veteran, enrolled in an ICS course on Power Line Design and Construction in 1969. Following completion of that course, he decided to pursue an electrical engineering degree. He maintained a grade average of 3.78 during his years of study.

"It was very time consuming and the most difficult task I've undertaken," Donnie says, "but it was worth every bit of the effort."

The son of H. A. Hale, Roanoke Division station foreman NE, Donnie was employed in 1968 as a lineman helper.

## AEP Pioneers Waste Heat Research

Another pioneering research program — this one to explore the mechanics of transfer of waste heat from electric power plants to agriculture — has been announced by the American Electric Power System.

According to Tom Miskimen of the Service Corporation's Environmental Engineering Division the two-year research program is the first time a utility has gone into the mechanics of heat loss. "Everyone knows, for example, that soil is a poor conductor of heat, especially when the soil is dry. But no one really knows the why's. We hope to find out."

The project's leader, OARDC Dr. Warren L. Roller, said the researchers will concentrate their initial efforts on a study of heat-transfer processes. They will try to determine if and how these processes can be used to recover efficiently the heat energy in lukewarm water.

If the studies indicate a feasible means of using this low-temperature energy, the researchers plan to develop computer-simulation models to guide development of pilot-model hardware and promising systems.

Much of the waste heat in a power plant is in condenser cooling water and heats the water to the 85-105° range. Although considered lukewarm, this temperature still carries considerable heat energy, which up to now has represented a lost resource.

Scientists who have studied the problem feel that plant and animal growth can be speeded up and made more efficient by adding heat to their environment. Looking beyond the research projected by the AEP-OARDC program, Dr. Roller says the horticultural greenhouses and controlled environments for animal production represent only two of the possibilities for waste heat use in agriculture.

## I & M Options Plant Site

Indiana & Michigan Electric Company announced last month that it is taking options on substantial acreage on the Ohio River in Spencer County, Indiana, as the possible future site of a large electric power generating plant. The site is between the villages of Rockport and Grandview.

The new southern Indiana site is the sixth location announced for possible future power station use by the American Electric Power System. Two are in Ohio, two in Indiana, one in Kentucky and one in West Virginia.

The I&M announcement emphasized that, although the company had no immediate plans for construction at the new site, the lead time necessary to design and construct major generating plants made it necessary to plan well ahead to assure a dependable and adequate supply of power for customers.

# the ILLUMINATOR

Published monthly for employees of Appalachian Power Company, Kentucky Power Company, and Kingsport Power Company and their families. Articles herein may be reproduced. Published at Appalachian Power Company, 40 Franklin Road, Roanoke, Va.

We are an Equal Opportunity employer.

**editorial staff** William A. McClung Public Affairs Director Betty Lou Carter Editor

### associate editors

James Hughes	Abingdon	Ron Wright	Ashland
Ray Vest	Beckley	Jack Blankenship	Hazard
W. C. Groseclose	Bluefield	Bill Barnett	Pikeville
William R. Currey	Charleston	Chris White	John E. Amos
Elaine Polk	Huntington	R. L. McComas	Big Sandy
C. E. Frye	Logan-Williamson	S. V. Caudle	Cabin Creek
W. David Crews	Lynchburg	Luther Houchins	Clinch River
J. B. Brillheart	Pulaski	C. L. Spangler	Glen Lyn
Prince E. Thornton	Roanoke	Jeanne Sheets	Kanawha River
Ron Lamb	General Office	Wayne Carter	Philip Sporn
Wilson Trumbo	Kingsport Power	Hazel Hawkins	Southern Appalachian Coal
C. D. Broughton	Kentucky Power		

## Florida Sunshine Lures Veteran Salesman Into Early Retirement



Everett

When George C. Everett joined Appalachian Power in 1939 as a salesman at Logan, he already had several years' experience in the field. He started out selling magazines as a youngster of ten and sold women's hosiery to pay his way through college. Then he worked four years for Kentucky Utilities selling irons, wringer washers, "ice boxes" and other appliances.

Following service in World War II, "Cat" became involved in the company's program to introduce some new products to the general public — automatic washers and electric clothes dryers. Shortly thereafter Appalachian began promoting electric home heating.

Cat recalls, "The company had just completed a massive rural line building program and was in the process of building and expanding its generating capacity. They had electricity to sell and a way to deliver it, and it was my job to sell customers on the idea of using it."

## Baker Named Sales Supervisor



Baker

Paul R. Baker, power sales engineer, has been promoted to Huntington Division sales supervisor. He succeeds G. C. Everett, who elected early retirement June 1.

A native of Huntington, West Virginia, Baker was employed in 1941 as a meter reader and was an appliance serviceman C, residential sales representative junior, area sales representative and commercial sales engineer before being promoted to power sales engineer in 1966. He received a degree in electrical engineering from International Correspondence Schools in 1965.

Baker is married and has three children.

He went to Huntington in 1949 as residential rural sales supervisor, and he and Bob Musgrave (now retired) set up a sales department. Operating on the philosophy that "if you are going to sell electric, you must live electric", Cat was the first person in Huntington to own an electric clothes dryer and one of the first employees in the division to convert his home to electric heating.

"I believe," recalls Cat, "one of the turning points in electric heating in Huntington occurred in the summer of 1955. Only 13 installations had been made in the previous 12 months in the division, which included Logan and Williamson at that time. After a study and a vigorous campaign, we produced 55 sales in the next 60 days."

Following Cat's early retirement June 1, he and his wife Katy Ann are moving to Florida to enjoy the sunshine. What does he plan to do with all his spare time? "I'm going to take a course in real estate. Who knows, I might do a little selling!"

## Pony Express Driver Retires



George Hervey, Huntington Division manager (right), greets Dad Roush before he leaves on his last run as a pony express driver.

He didn't ride a horse, carry a gun or fight Apaches; but, before his early retirement May 1, Pony Express Driver L. I. Roush carried the mail over some of the most treacherous terrain in Appalachian Power's service area.

"Dad", so named because he is the father of 13 children, was employed in 1942 as a watchman for the Point Pleasant Water and Light Company. After the company was purchased by Appalachian, he transferred to the T&D Department, where he worked as a lineman and truck driver-groundman. When the pony express mail service between company offices was instituted in 1969, Dad became a messenger.

During his four years and three months in that job, he drove 330,000 miles, wore out 39 tires, three new vehicles and one old one.

Dad's immediate plans are to do some work on his house. Later on he may do a little traveling. But, after 330,000 miles, he isn't quite ready to take any long trips.



Howard

## Howard Elects Early Retirement

"I've seen a big improvement in working conditions, increased benefits and salaries since I started to work in 1937," says Massie Terrell Howard of Lynchburg. He was a collector before electing early retirement June 1.

Massie joined the company as an appliance serviceman and held that position until 1955 when the department was phased out. "I remember when the company was selling ranges and water heaters by the carloads." His job of collector he describes as "a tough one".

Massie says his first year of retirement will be busy because he has a lot of work to do around his house as well as some gardening. He also plans to find time for his hobbies of fishing and golfing. Massie and his wife Elizabeth will continue to live in Campbell County.

## Powell Retires From Glen Lyn



Powell

George Thomas Powell elected early retirement June 1 with plans to "take life easy and do a little gardening". He was a switchboard operator at Glen Lyn Plant.

A native of Oakvale, West Virginia, Tom was employed as a laborer and during his nearly 37-year career worked as a turbine room man, auxiliary equipment operator, auxiliary equipment operator B, boiler operator B and A and equipment operator.

Tom and his wife Bertha have seven children and eight grandchildren. One son, Charles A. Powell, is a performance engineer senior at John E. Amos Plant.

## Sales Career Affords Shirley Brown Opportunity To Meet Fellow Employees

"My outstanding experience with the company has been the opportunity my sales work gave me to meet a large number of fellow employees and their families as well as many appliance dealers, distributors and manufacturers all over the eastern part of the United States," says Shirley M. Brown. He retired June 1 as dealer sales coordinator in Appalachian Power Company's General Office Commercial Department in Roanoke.

A native of Bluefield, West Virginia, Shirley joined the company there in 1931 as a merchandise serviceman. He rose through the ranks as merchandise sales clerk, supervisor of residential sales, residential representative senior and division residential sales supervisor before being promoted to residential sales supervisor in the General Office Commercial Department at Roanoke in 1953. He became dealer sales coordinator in 1967.

Shirley attended Virginia Polytechnic Institute and State University and graduated from Bliss Electrical School. He took the AEP Management Course at the University of Michigan, training in appliance dealer management at American University and in-service training courses with the Frigidaire Sales Corporation, General Electric Company and Westinghouse Corporation.

Known to his associates as a perfectionist, anyone who ever attended a meeting Shirley planned can vouch for the meticulous planning and execution of the program.

Shirley recalls with a chuckle that throughout his career, his name caused confusion and consternation to numerous correspondents and room clerks.

A member of St. John's Episco-



Brown

pal Church in Roanoke, Shirley has been active in church and professional activities in both Bluefield and Roanoke. He and his wife Kitty have two children and five grandchildren.

## Young Becomes Garage Foreman



Young

James E. Young, Charleston Division engineer B, has been promoted to garage foreman.

Young was employed in 1954 as a clerk junior and later worked as an auto repairman helper, stationman C and T&D clerk senior.

Young is married and has two daughters and a son.

## Three Men Promoted At Sporn Plant



Simonton

Henry

Kincaid

Three Maintenance Department employees at Philip Sporn Plant have been promoted to new positions. David R. Simonton was promoted to performance supervising engineer. Succeeding Simonton as maintenance foreman was Earl E. Henry, Jr. Succeeding Henry as maintenance engineer was Robert L. Kincaid, formerly engineer B.

A native of Cabell County, West Virginia, Simonton holds an associate of science degree in mechanical engineering from West Virginia Institute of Technology. He was employed in 1964 as a test engineering aide and was a performance engineer, maintenance engineer and performance engineer senior before

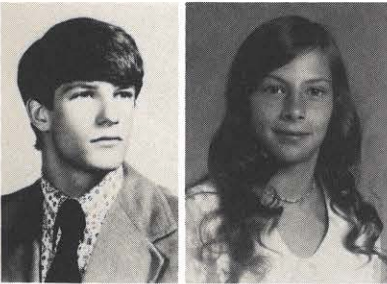
being promoted to maintenance foreman in 1970. He is married and has three children.

Henry, a native of Clifton, West Virginia, attended West Virginia University and Marshall University. He began his career in 196 as a test engineering aide and was an engineer B before being promoted to maintenance engineer in 1970. He is married and has five daughters.

A native of Montgomery, West Virginia, Kincaid holds an associate of science degree in mechanical engineering from West Virginia Institute of Technology. He was employed at the plant as an engineer B in 1969. Kincaid is married and has a son.

# PEOPLE IN THE SPOTLIGHT

## BECKLEY



Keatley Herrera

**Matthew D. "Chip" Keatley**, 17-year-old son of K. K. Keatley, area serviceman, was named a delegate to Mountaineer Boys' State. A junior at Woodrow Wilson High School, Chip was also selected to attend a "Week in Washington" sponsored by Congressman Ken Heckler. He is the recipient of the Sue Stover Award, given annually to the outstanding conservation student in the area. Chip is vice president of the student council, president of the Conservation Club, an honor student, and will receive varsity letters in football, basketball, track and baseball.

**Carmella Herrera**, daughter of Robert L. Barley, lineman A, was crowned queen of Bradley Elementary School. A sixth grader, she is a cheerleader for the school.

**Tom Humphries, Bill Canady and Charley Flint**, Oak Hill employees, were members of the championship team in the Wednesday Night Handicap League at T. V. Lanes.

**Sally Murray**, daughter of D. E. Murray, line foreman, was elected president of the newly organized Stars and Stripes 4-H Club at St. Mary's Methodist Church.

**Mark McGinnis**, 14-year-old son of J. R. McGinnis, division superintendent, received a superior rating when auditioning for judges of the West Virginia Federated Music Club. Mark performed in the Musically Advanced I class.

New employees are **Clifford L. Washington, Jr.**, stationman helper A, and **Bernard R. Bishop**, clerk junior.

**Regina Kay Dwornick**, daughter of M. C. Dwornick, planner senior, graduated with honors from Beckley College.

**Mrs. R. E. Presley**, wife of the division stores supervisor, was an aide during the "King for a Day" program for crippled children, sponsored by the 40 and 8, a subsidiary organization of the American Legion. Mrs. Presley represented Raleigh County Unit 32 of the American Legion Auxiliary of Beckley.

**Mr. and Mrs. Woodrow Bonds** officiated at the installation ritual for new officers of Judea Shrine 13, White Shrine of Jerusalem. Mrs. Bonds is Scribe and Mr. Bonds, Officer. He is a truck driver-groundman.

**Margot Bower**, wife of Meter

Reader Bob Bower, was chosen "Girl of the Year" of Delta Tau Chapter, Beta Sigma Phi Sorority.

**Mr. and Mrs. Robert Trump** served as counselors at the area Christian Youth Retreat at Pipestem Resort. He is a customer accounts representative B.

**Eileen Worley**, clerk junior, was honored as "Junior Woman of the Year" and presented a bracelet by the Junior Department of the Beckley Woman's Club.

## ASHLAND



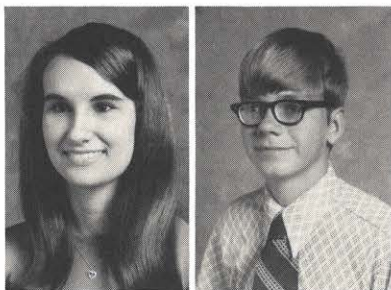
Pauley

**Jackie Pauley** won the interior decorating championship in a recent judging of the Northeastern Area 4-H Clubs. She will represent the Northeastern clubs in interior decorating at the Kentucky State Fair. The daughter of Jack T. Pauley, general serviceman, she is secretary of her freshman class at Greenup High School and was chosen cheerleader for the new Greenup County High School which will open this fall.

**Bo Humphrey** finished first with 36 points in the Ponderosa Ladies Golf Association Point Tournament. She is the wife of Ed Humphrey, distribution engineer senior.

**Jack Keeton**, classification clerk in GO Accounting, was elected a director of the Ashland Area Jaycees.

## ROANOKE



Plybon Amos

**Drea Mae Plybon** won second place in the Wildlife Essay Contest of Virginia and was awarded a \$400 college scholarship. A senior at Franklin County High School, she is the daughter of Silas F. Plybon, meter serviceman A.

**Robert Amos**, son of R. G. Amos, station foreman, was elected president of the Student Government Association at Breckinridge Junior High School.

**William G. Loope**, stationman B, was elected president of the Botetourt Jaycees.

**Bobby G. Brown**, senior draftsman, was elected state director of the Roanoke Jaycees and also serves as a director of the local chapter.

**Robbie Gayle Payne**, daughter of Elmo Payne, head material clerk, was named to the dean's list at Virginia Western Community College.

**Dana Gail Hutcherson**, daughter of J. K. Hutcherson, T&D clerk senior, is listed in the 1973 issue of "Outstanding College Athletes of America". She is a physical education major at Longwood College.

**G. Thomas Brown**, son of Gordon Brown, meter service helper B, received a master of divinity degree from Wesley Theological Seminary.

**J. B. Bell**, Stuart groundman, was re-elected treasurer of the Stuart Lions Club.

**Gary Martin**, son of Roy Martin, meter serviceman A, earned a position on the Patrick County High School golf team.

**R. G. Turman**, Stuart lineman A, was installed Worshipful Master of Mountain Home Lodge #263, AF & AM, Stuart.

**C. L. Reynolds, Jr.**, son of Claude L. Reynolds, sales manager, had his third technical paper published in the "Journal of Chemical Physics". An AEP educational award winner, Lew is a graduate student at the University of Virginia.

New employees are **Clifford C. Becker**, lineman helper; **Melvin L. Rogers** and **Stephen E. Duncan**, meter readers; and **Kay Higgins**, clerk trainee.

## CABIN CREEK

**Jimmy L. Hodges**, son of Janet Hodges, work order clerk, was elected president of the student council at East Bank High School.

Three children of employees were members of the East Bank High School Band which played in the Mexican International Band Festival in Mexico City, Mexico, last month. They are **Diana Carrico**, daughter of Maintenance Foreman Harold Carrico, and **Virginia** and **Charles Willis**, children of Project Engineer Ogden E. Willis.

**Vanessa Vealey**, daughter of Chief Chemist S. L. Vealey, was selected for membership in the East Bank High School National Honor Society.

## GLEN LYN

**Carol C. Thompson**, stenographer, was elected president of the Ballard Woman's Club.

## JOHN E. AMOS

**L. J. Fouts, Jr.**, time clerk, and **R. D. Knight**, safety/security coordinator assistant, are new employees in the Construction Department.

## LOGAN



Staten

**Roland Staten**, Williamson material clerk, recently had published a book of his original poetry, entitled "Poems From the Mountains". Roland has been writing for about two years, and his poems cover a variety of subjects.

**Claude Ward**, dealer sales representative, was appointed by the Mingo County Court to serve on the Mingo County Library Board.

**Brenda Weddington**, wife of Michael Weddington, senior engineer, was named "Girl of the Year" and "Miss Congeniality" of the Chi Chapter, Beta Sigma Phi. **Gerri Layne**, Williamson Accounting, was named "Girl of the Year" of the Xi Alpha Phi Chapter, Beta Sigma Phi.

**Eugene E. King**, Williamson area manager, was named co-chairman of the newly formed Tug Valley Economic Development Committee of the Tug Valley Chamber of Commerce. Serving on the committee will be **Fred E. Varney**, line and station supervisor, and **Gene P. Stepp**, heating and builder sales representative.

**Mary Alice Ward** and **Shelia Hatfield**, members of the Wolfpack Marching Band at Williamson High School, were selected for the Mingo County All-Area Band. They are the daughters of Claude Ward, dealer sales representative, and Joe Hatfield, line foreman, respectively.

## GENERAL OFFICE



Freeman Wooten

**Donnell Freeman, Jr.**, GO Accounting, received a Certificate of Recognition from Governor Linwood Holton and was accepted into the Governor's Club for Achievements Accomplished during the year. Donnell received the Jaycee of the Month Award in May and was elected to a two-year term on the Jaycee board of directors.

**Rudy Wooten**, manpower development coordinator, was named "Outstanding Young Man of the Year" by the Roanoke Jaycees.

**Rosemary Meador**, daughter of J. F. Meador, engineer B in GO T&D Station, participated in a capping service for the Roanoke Memorial Hospital School of Nursing. She is in training to become a registered nurse.

**Scott Blackwell** and his partner

compiled a total of 1230 pins to win the Banty Division of the Roanoke City and County Junior Bowling Tournament.

**Anita Ann Herald's** demonstration of her skill in acrobatics won first place in a talent show at Graham Junior High School. She is the daughter of E. E. Herald, transmission clerk senior in GC T&D, Bluefield.

**Donald R. Edwards** is a new employee in GO General Services, Roanoke.

**Carolyn Hogan**, flexowriter operator, was a member of the team which placed first in the Viking Belles Bowling League.

**Curtis H. Bondurant**, relay engineer senior in GO T&D Station Section, Roanoke, was elected president of the Hollins Lions Club.

**Greg Peters**, son of I. B. Peters, wage and salary assistant supervisor, was elected president of the student senate at Bridgewater College.



Bondurant Peters

## PIKEVILLE

**Betty Justice**, wife of Serviceman Tilden Justice, was named to the Kentucky Commission on Women by Governor Wendell H. Ford.

**David Michael Ratliff**, son of Head Material Clerk David Ratliff, was one of two Pikeville College students invited to the Atomic Energy Facility at Oak Ridge, Tennessee, to observe and use some of the biological sciences equipment.

**Thomas Neil Kidd**, son of Merchandise Bookkeeper Jacquelyn Kidd, played on the Harold Grade School basketball team which was crowned champion of the Floyd County Grade School Tournament. The Harold team was also champion of an invitational tournament in which teams from other counties participated.

## CHARLESTON

**Kay Helm**, daughter of Fred Helm, sales manager, played "Maude" in George Washington High School's production of "Funny Girl".

**Wilbur West**, Meter, helped build a special house for use as a prop in a stage production at Charleston High School.

**Billy West**, son of Wilbur West, was a soloist in Charleston High School's production of "Luv".

**Thomas Wilkerson**, son of Katie Wilkerson, secretarial-stenographer, graduated from the West Virginia University School of Dentistry and will practice in Glenville, West Virginia.

**PHILIP SPORN**



Davis

**Archie Sparks**; second place, **John Moore**, third place, **Buddy Snodgrass**; and fourth place, **Larry Brown**. Trophies were awarded to **Rufus Bondurant** and **Larry Brown**, tie for high scratch game (185); **Larry Brown**, high series (498); and **Archie Sparks**, high game handicap.

**LYNCHBURG**

**Harry A. Davis**, retired shift operating engineer, is a new member of the Pomeroy, Ohio, Village Council.

**William Lee Hensley**, meter reader, and **Ralph Sidney Bird, Jr.**, senior engineering technologist, are new employees.

**Carol Michael**, daughter of G. E. Michael, chemist assistant, was chosen 1973 queen of the Racine, Ohio, Chapter, Future Farmers of America. She is president of the junior class at Southern Local High School and a member of student council.

**Mary Elizabeth Hatch** was tapped into Colleagues, an organization of sophomores at Longwood College which assists in the orientation of new students and welcomes visitors to the campus. She is the daughter of R. L. Hatch, station and hydro supervisor.

**Patti Well**, daughter of D. E. Well, maintenance man, was named queen of the Meigs Junior-Senior Prom. She was also the recipient of the John Philip Sousa Award for outstanding personal characteristics and musicianship.

**Rebecca Ann Patterson**, daughter of G. N. Patterson, garage foreman NE, is graduating from Amherst County High School.

Receiving college degrees are: **Delores Lynn Figg**, daughter of H. M. Figg, Jr., heating sales engineer, BS from Madison College; **Robert Lewis Thomas**, son of Lewis C. Thomas, service coordinator, BS from Virginia Polytechnic Institute & State University; **Joseph Carter Wheeler**, son of G. C. Wheeler, electrical engineer senior, BS from Virginia Polytechnic Institute & State University; **Pamela Sue Moss**, daughter of W. E. Moss, line foreman NE, Radford College; **Martha Susan Pillow**, daughter of T. H. Pillow, power sales engineer, BA from Bridgewater College; and **Donald Edward Elder**, son of G. E. Elder, station foreman, University of Richmond.



Michael Well

**ABINGDON**

**Anna Crabtree**, Marion home sales representative, represented the Marion Junior Woman's Club at the 66th annual convention of the Virginia Federation of Women's Clubs. She is also a member of the Townlift Committee for the Marion Chamber of Commerce.

**Putney Tibbs**, daughter of R. A. Tibbs, commercial sales engineer, was elected a representative from E. C. Glass High School to Girls' State.

**Jane Mason Craig**, daughter of Gordon Craig, agricultural sales engineer, graduated from Brevard College magna cum laude. An AEP Educational Award winner, Jane will continue her education at Virginia Polytechnic Institute and State University.

**W. David Crews, Jr.**, son of the personnel supervisor, participated in the third Central Virginia March of Dimes Pledge Walk. David, who rode his bicycle the 25.5-mile course, had 31 sponsors who pledged \$98.20.

Serving as officers of the Abingdon Midget Football League are **Jimmy Cook**, vice president; **Hunter Thayer**, director; **Donald Landreth**, purchasing agent; and **Fred Johnson**, husband of Peggy Johnson, player agent.

**Barbara Cash**, wife of R. O. Cash, meter serviceman A, was elected secretary of the Parent-Teacher Association at Madison Heights Primary School.

**Harold Counts**, T&D clerk senior, was installed as Outer Guard in the Washington County Moose Lodge 1966. He is also chairman of the civic activities committee.

Graduating from E. C. Glass High School are **Sabrina Leigh Baker**, daughter of Line Foreman E. L. Baker; **Joyce Lee Brown**, daughter of Custodian C. M. Brown; **Franklin O'Brien Smith, Jr.**, son of Station Foreman F. O. Smith; and **R. A. Tibbs, Jr.**, son of Commercial Sales Engineer R. A. Tibbs.

**Beth Hughes**, daughter of J. C. Hughes, was selected a member of the Free Spirits, a singing ensemble composed of 11th and 12th grade students at Abingdon High School.

Graduating from Brookville High School are **Lindy Gaye and Cindy Faye Elder**, twin daughters of Station Foreman G. E. Elder; and **Cynthia Kay Robertson**, daughter of Stationman W. A. Robertson.

**Sandy Rasnick** and **Mary Lambert** were elected delegates from Abingdon High School to the Virginia Model General Assembly at Richmond.

Winners in the division bowling tournament were: first place,

**KINGSPORT**



Harnsberger

station foreman, and Mrs. Grose is a part-time customer accounts representative.

Retirees **J. A. Ferrell, M. C. Clark** and **Lawrence Stewart** attended a retirement party for L. I. Roush, Point Pleasant messenger.

**Patricia Fowler**, daughter of G. C. Fowler, messenger, was inducted into the Point Pleasant High School National Honor Society.

**Paul R. Baker**, sales supervisor, was elected to the board of directors of the Tri-State Homebuilders Association.

**Anna Laura Kovich**, daughter of J. A. Kovich, senior electrical engineer, was the recipient of the "Woman of the Year" award from Delta Zeta Sorority at Marshall University. She was selected by chapter members as the person who had contributed the most to the sorority and campus activities.

**Virginia Black**, residential and rural sales development representative, was presented the Honorary State Membership Award at the state convention of the Future Homemakers of America. The award, one of four in the state, was made in recognition of her outstanding contribution to the state Future Homemakers' program.

**Mike Drenan**, son of James Drenan, line foreman, has completed boot camp at the U. S. Naval Training Center, Orlando, Florida, and is stationed at the Naval Technical Training Center, Memphis, Tennessee.

**Michael A. Fotos, III**, son of M. A. Fotos, Jr., line supervisor, won a semi-finalist medal for the best contemporary public address in the West Virginia State High School Forensic Tournament and Drama Festival. He was also one of three top scorers in a special mathematics test given at Huntington East High School, sponsored by the Mathematics Association of America and The Society of Actuaries. Mike is a candidate from his school to attend Boys' State.

**Sara Harnsberger**, wife of Commercial Sales Representative Stephen Harnsberger, was the winner of the third annual "Speak-Up Jaycette" contest.

**C. S. Lingar**, heating and builder sales representative, was appointed to a three-year term on the Budget and Admissions Committee of the Community Chest of Kingsport, Inc.

**Jack Pippin**, customer accounts supervisor, was elected treasurer of the Week-Day Bible Teaching Association.

**Myra Kay Gott**, daughter of G. W. Gott, meterman A, was a contestant in the Miss Kingsport Pageant.

**PULASKI**

**Mark Graham**, son of A. L. Graham, power sales engineer, was elected president of the junior class at Pulaski High School.

**Don Smith** was named "Outstanding Young Rescue Squadman" by the Pulaski Jaycees in recognition of the time and service he has contributed to the life saving crew. The son of J. B. Smith, maintenance man at Claytor Hydro, Don has served as sergeant and captain.

**Kelly Buckland**, engineering, was elected vice chairman of the Pulaski County Republican Party and a delegate to the district convention.

**Andrew L. Graham**, power sales engineer, is Lecturing Knight for the Pulaski Elks Lodge.

**Douglas H. Smith**, son of D. B. Smith, surveyor, was appointed a trooper with the Virginia State Police.

**L. L. Bucklen** was named chairman of the newly established membership committee of the Wytheville-Wythe County Chamber of Commerce.

**J. D. Burnett, Jr.**, son of the late Byllesby Hydro employee, was named worthy patron of the Pearisburg Chapter #124, Order of Eastern Star.

**S. L. Sisson**, Hillsville heating and builder sales representative, was elected president of the Upper New River Archaeology Society and chairman of the Carroll County Public Service Authority.

**HUNTINGTON**

**Ralph H. Johnson**, sales manager, was elected vice president of the Huntington Chapter, American Business Club.

**Stephen Michael Grose**, 9-year-old son of Mr. and Mrs. Lyle Grose, represented Central Elementary School's fourth grade class in the Cabell County district spelling bee. Mr. Grose is a

man Walter Crouse, Page. **Mar Brown**, Past Matron and wife of Area T&D Clerk Forrest Brown served as Installing Grand Secretary. **Forrest Brown**, Past Patron served as Installing Grand Warder.

**Tom Henly**, civil engineer, was elected treasurer of the Bluefield Lions Club.

**Mrs. Wade Nash**, wife of the meterman B, was installed a corresponding secretary of the Literary Woman's Club of Bluefield, Virginia.

**Lois Rounion**, serving as Acting Chairman of New Chapter Procurement for the Bluefield Chapter, NSA, officiated as mistress of ceremonies for the installation of The Lonesome Pine Chapter Richlands. She also served the chapter as alternate delegate for the 20th annual meeting of the West Virginia Division. She is secretarial-stenographer.

**Lucille Lloyd**, wife of Jack Lloyd division manager, is treasurer of the Bluefield Country Club Ladies' Golf Association.

**Diane Fanning**, wife of E. E. Fanning, building supervisor, is Prompter and Pro-tem Conductor in the Bluefield, Virginia Chapter 102, Order of Easter Star.

**Tom Nunnery**, son of Raymon Nunnery, meterman A, received a master's degree in education from the West Virginia College of Graduate Studies.

**Mrs. M. E. Rich**, widow of the late M. E. Rich, records supervisor, was named secretary of the Virginia Garden Club of Bluefield, Va.

**Clancy Mullins**, Grundy heating and builder sales representative won a first place trophy in the doubles event in the annual Buchanan County Men's Bowling Association Tournament.

**Don Martin**, son of J. D. Martin Pineville area supervisor, was named "Most Valuable Student" at Pineville High School and placed second in a leadership contest sponsored by the Beckley Elks Lodge.

**Evelyn Martin**, wife of J. C. Martin, was appointed a two year member of the Southern West Virginia Health Council. She was also keynote speaker at the annual Beta Sigma Phi Founder's Day banquet.

**Jack Lloyd**, division manager was re-elected a director of the Virginia State Chamber of Commerce. He is a director of the West Virginia Chamber. He also served as a judge in the Mercer County Beauty Pageant sponsored by the Bluefield Jaycees.

New employees are **Kent William Allen** and **Lewis Slover**, custodians; **Judith S. Lefler**, home sales representative senior; and **James N. Barrett**, material clerk

**Harold Cutlip**, draftsman senior won third low gross in low bracket playing in the Pipestem Spring Festival Golf Tournament. He also participated in the Joe Kuhn Breakfast Golf Tournament at Princeton Elks Country Club. The tournament was handicap four-man team, and Harold's team took first place in the low net category.

**BLUEFIELD**



Crouch

**Rebecca Crouch**, daughter of Juanita Crouch, personnel clerk senior, was the senior recipient of a gold medal in the Composition category of the annual Laurel Leaf Program presented by the English Department of Bluefield High School.

Installed as officers in the Florence Ann Chapter No. 133, Order of Eastern Star in Grundy, were: **Marilyn Mitchell**, wife of Lineman William Mitchell, Worthy Matron; **Sybil Hardy**, wife of General Serviceman Alonzo Hardy, Ruth; and **Juanita Crouse**, wife of General Service-

# Chairman Cook Speaks Out On The Energy Question



(EDITOR'S NOTE) — AEP Chairman Donald C. Cook was interviewed recently by Norman Metzger, representative of the American Association for the Advancement of Science, on the general subject of the so-called energy crisis — one of a series of such discussions for a forthcoming radio series. Because of its interest to all employees, we present here a digest of the pertinent questions and answers.)

**METZGER** — The first thing I'd like to do is open up a general kind of questioning. People are talking about the energy crisis. What is your appraisal of the situation? How serious is it, particularly with utilities, and how serious might it become in the next few years?

**COOK** — Well, we wouldn't want to exaggerate the situation. But, so far as the utilities are concerned, I believe that it's becoming probably more critical there than in almost any other segment of the economy. In terms of the industry's ability to meet the requirements being made on it, the margins of safety are becoming narrower and there is a very real possibility that, if we have a situation in which we have a very vigorous business recovery — indeed, we have that now — coupled with either a very cold winter or a very hot summer, it's likely that there will be very serious shortages of power in the country.

**METZGER** — Why did these shortages develop?

**COOK** — These shortages developed primarily because, in recent years, as a result of objections of various people to the construction of nuclear facilities or to the utilization of certain forms of raw energy — and here one would have to refer particularly to coal and more particularly to what is known as high-sulfur coal — it hasn't been possible to bring the necessary new facilities into existence as rapidly as required to produce the power needed in the country and also to maintain adequate reserves. Now, with the narrowing of reserves in many parts of the country, when large demands materialize and come on the systems, some of us seriously doubt that it's going to be possible to fill all of them.

**METZGER** — What is AEP now doing as far as its fuel supply is concerned?

**COOK** — Our System is based primarily on coal. We do have a certain amount of hydro and pumped-storage generating capacity and we do have under construction two large nuclear units, but out of a total capacity of about 14.5-million kilowatts, all of it except about 1-million kw is coal-fired.

**METZGER** — This is low-sulfur coal?

**COOK** — No. We burn a combination of both low-sulfur coal and higher-sulfur coal, depending upon the location of the plants and the requirements of the jurisdictions in which the plants are located. Under regulations of the Environmental Protection Agency and of most of the states pursuant to the requirements of the EPA, certain tests will have to be met by mid-1975, so that we're still some two years away from the really grinding effect of the regulations.

**METZGER** — What happens if you are held to those regulations?

**COOK** — It isn't what happens to us, really, it's what will happen to the general public and to the country. We have an energy-oriented society. It's really inconceivable to me that, if a choice had to be made between (a) producing power using a fuel with certain characteristics and (b) not being able to produce power and thus shutting down factories and having inadequate power in the homes, the choice would be in the direction of the latter.

**METZGER** — What you're really saying is that inevitably there is going to be some sort of environmental retreat if we're going to get the power we need?

**COOK** — What I'm really saying is that everybody in power, with the utmost good faith and the utmost diligence and the strongest efforts, is going to try to meet all of the requirements that are imposed upon the industry. With all of the good faith and all of the diligence, it simply is not going to be possible to meet the requirements of the

regulations as they have been promulgated, and this is now recognized by both the federal government and the states. So the inevitable effect will be, in my opinion, a relaxation of these requirements to the extent that it will be necessary to enable the essential energy to be produced.

**METZGER** — What about alternatives?

**COOK** — All of the fuels now are in very short supply with the exception of coal. We simply do not have available an adequate supply of natural gas and no prospect of getting one. So far as oil is concerned, much of the oil available to us is high-sulfur oil. In order to utilize it we need additional refineries, and these refineries are not being built. In addition, a very high percentage of the oil would have to come from the Middle East, and this puts an insuperable burden on our balance of payments, so it's not likely that this is going to result. In addition, it has national-defense implications. The oil supply from the Middle East could be interdicted either by the Arabs or by the Russians, and I don't think that our government is going to deliver the country into the hands of either of these two groups. And I really don't throw into the equation either uranium, the breeder reactor or hydrogen as representing any kind of a near-term solution. These represent solutions of a much longer-term basis.

Now that leaves only coal. But there is a severe shortage of low-sulfur coal in all parts of the country except the Far West, so that it's going to be necessary to have a rapid development of Western coals.

**METZGER** — I don't understand why you are dismissing nuclear power?

**COOK** — Because of the time necessary to bring nuclear plants to completion. It wasn't long ago when it was not unreasonable to project a nuclear plant on a schedule of four or four-and-a-half years. Now I don't believe anyone would suggest that it would be possible to bring into service a nuclear plant in less than eight years and possibly as much as 10 years.

**METZGER** — What are AEP's

nuclear plans at the moment? Have you essentially turned away from them or diminished them?

**COOK** — Yes. We do not have any further nuclear plants projected, nor do we even have in contemplation projecting any additional nuclear capacity. We believe that the difficulties of bringing these plants into existence and the uncertainties associated with them really do not permit the kind of planning that we're accustomed to engage in, so that when we commence facilities we have a practical assurance that we can bring them into existence in time to meet our oncoming electric loads.

**METZGER** — So, essentially, electric energy will have to come from coal. There is nowhere else to turn, at least in the foreseeable next five to 10 years?

**COOK** — There is no other place that it can come from if we are going to take into consideration national-defense requirements, balance-of-payments problems, and construction times involved in the building of plants that are non-conventional in character.

**METZGER** — What directions or policies in regard to energy resources should be followed in the near term?

**COOK** — Well, I think that where you come out in a sense depends upon where you go in. We have an energy-oriented society. It's inconceivable that we could have the kind of society and economy that we have, producing the standard of living that we do, without the continued use of energy. So, if we come to the conclusion that we are going to have jobs for our people as they come out of the schools, that we are going to raise the standard of living of the lower-income groups, and that for the rest of the population we are either going to maintain or perhaps even increase their standard of living, then it tells us automatically that we are going to continue to be an energy-oriented society, with a growth in energy utilization of some 7% to 7.5% compounded.

If this is what we want, we have to ask ourselves how are we going to get this energy? It's very

simple to establish that we're not going to get it from gas. The shortage is not going to be alleviated. When you look at oil we don't have the reserves in the United States, even if we include what we have in Alaska. It's still entirely inadequate to meet our requirements. We would have to turn to the Middle East for ever-increasing volumes, and here, as I indicated earlier, we run into the national-defense problem and the balance-of-payments problem.

Now, as to uranium, we have to recognize that it won't be long without the breeder reactor, before there is a shortage of uranium, even on the basis of reducing the estimate of the number of new nuclear facilities that will be built. So far as the breeder is concerned, we feel here in American Electric Power that that is a good 15 years away on any kind of commercial basis. It just can't come soon enough to be of any material assistance to us. The ultimate answer, of course, will be hydrogen, and the problem of taming this monster is one that very few people believe is going to be solved before the 21st Century.

So, when you look at the whole picture, you come down to the three fundamental conclusions

(1) Coal is going to have to be utilized to the fullest extent we are going to have to curtail our use of energy, and the latter is not likely.

(2) A high percentage of our coals are high-sulfur coals. Therefore, it's going to be essential that we either develop commercially feasible desulfurization process or modify the standards with respect to the sulfur content of the stack gases or how we dispose of them.

(3) Sooner or later we will find a commercial process for the desulfurization of either the fuel before it is burned or the stack gases after it is burned. This will take time, and as the technology has been developed there will be additional time required to construct the desulfurization apparatus in the quantities needed, and then it will take time to get installed in the plants.

So, we are finally pushed to the conclusion that higher-sulfur coals in the near term are going



to have to be burned, and they will have to be burned in very large quantities.

This is not a bad thing, necessarily. Many people almost automatically conclude that, if you burn high-sulfur coal, this means that some highly detrimental effect will take place either on people, on other animals or on vegetation. This, indeed, is not the fact. In England they had a very serious atmospheric-pollution problem for a long period of time. They developed the concept of the "tall stack" — a stack of 600 feet and above that permits gases to be ejected into the upper atmosphere where two things would take place: (1) a very wide diffusion so that any ground-level concentrations would be of no harm whatsoever to people, animals or vegetation; or (2) a certain amount of dissociation within the compounds, so that they would not have any deleterious effect in their changed form; or a combination of both. We brought the tall stack to the United States and we build them over 1,200 feet high. All of our examination has clearly indicated that the tall stack, coupled with an appropriate system to monitor ground-level concentrations can be an entirely suitable answer to this problem.

**METZGER** — Will the price of electricity go up?

**COOK** — There is no question about it. The price of power, I think, in the next 10 years is going to double at least.

**METZGER** — People have cited various ways of conserving energy without really damaging the economy in terms of cessation of growth, and say that conservation could cut down considerably on energy demand. Are you very sanguine about that approach?

**COOK** — Well, you use the word "considerably." If you had not used that word, I would have agreed with you entirely. But there are many ways in which power ought to be conserved. Some of us are very highly oriented in the direction of economy in everything, and I think it's just as bad to waste electric power as it is to waste food or anything essential. How much is wasted? I am sure many people

leave lights burning where they could be turned off. I am sure that some of the apparatus has not been designed to be the most economical in power consumption. These, however, are on the periphery, the magnitudes are very small, and the dynamism that is in an energy-oriented society is so great that it's just going to submerge the effect of these minor economies.

**METZGER** — Then you don't think that a revision of the regressive pricing policies where high-volume users of electricity essentially pay less per kilowatt than low-volume users is going to have much of an effect?

**COOK** — No. I think that the only effect would be a redistribution of income. If the structure of the rates is changed so that the smaller uses will be at lower prices and the larger uses at higher prices, it will only mean that those with large demands will pay more for what they're going to demand in any event. It may redistribute income, but it won't have any discernible effect on the utilization of energy.

**METZGER** — Have you taken a serious look at the economics of the breeder reactor?

**COOK** — Yes. Our minimum interest in breeder technology stems from the fact that we think that, instead of trying to solve problems that will exist 15 years hence, we need to be solving problems that are on us right here and now. It certainly doesn't make any sense for us to be concentrating our efforts, our time and our money on projects that are not going to do anything for the next 15 years, when we have problems right on us now that can consume all the money that we can raise and utilize all of our talents.

We're going to try to solve the problems we have upon us at the present time, and we're also going to try to do our part in the longer-range activities also. But, when you can't do everything at once, you must have some kind of sensible priority based on need and capacity, and our priority is in terms of taking care, day by day, week by week, year by year, of all of these problems associated with the power supply of our customers that we just must take care of.

## Battelle Reports SO<sub>2</sub> Technology Won't Be Available By 1975

It is "highly unlikely" that most U. S. utilities operating coal-burning generating stations will be able to meet 1975 deadlines for compliance with sulfur-dioxide-emission regulations "without shifting to gas, oil or (low-sulfur) western coal."

This was the basic conclusion reached in a recent state-of-the-art study made by the Columbus Laboratories of Battelle Memorial Institute for the American Electric Power System.

"If one accepts the criterion for a technologically demonstrated (SO<sub>2</sub>-removal) process meeting environmental requirements as being a (power) plant of greater than 100-megawatt (100,000-kilowatt) capacity operating on coal in the United States for a period of one year, with an on-stream time of even 50 percent, then there is no such technology available today," the Battelle report stated.

Battelle reported that the longest on-stream time of any stack-gas treatment unit on a coal-fired plant in the U. S. in 1972 was approximately three weeks. The research organization also indicated, as a result of its survey of manufacturers, utilities and independent university professors,

research scientists and engineers, that "a demonstrated level of efficient SO<sub>2</sub> recovery with 90 percent reliability over a year of operation on any full-size, coal-fired unit will probably not occur before 1975 in the United States." It also pointed out that, even after a process was demonstrably workable, a lead time of two to five years was required before such equipment could be installed and in operation.

"Therefore," Battelle concluded, "it is highly unlikely that most United States utilities can meet the 1975 deadlines for compliance with Federal and state SO<sub>2</sub>-emission regulations without shifting to gas, oil or western coal."

The Battelle study reviewed all known or proposed processes for the removal of the oxides of sulfur and nitrogen from gases, with particular emphasis on those applicable to electric power generation and including programs undertaken in Japan, Sweden, England, Czechoslovakia, Germany, France, Russia, Romania and Canada, as well as the United States. Incorporated in the study was a review of nine types of demonstration programs on utility boilers.

## Four Year's Preparation Precedes Wytheville Conversion

It was a long countdown — almost four years — but launch day for the conversion of 111 miles of line in the Pulaski Division from 12 kv to 34.5 kv



A. J. Parsons (left), lineman B, and E. B. Suthers, line foreman NE., energize line as 34.5 kv for the first time.



Planning cutover procedure are (l. to r.) Claud K. Kirkland, Pulaski Division manager; L. G. Cook, electrical

finally came early last month.

The \$1.5-million project, begun in July 1969, involved the conversion of 57 miles of three phase line, 54 miles of single phase line, 700 single phase transformers, 65 three phase transformer banks and 95 step down transformers. The areas affected by the conversion are Rural Retreat, Staley's Crossroads, Black Lick, Stoney Fork, Cedar Springs, Crockett, Speedwell, Cripple Creek and half the Town of Wytheville. Some 3,450 customers were involved.

The final cutover was done between the hours of 1 and 5 PM on May 1, 2 and 3. The Commercial Department had earlier made a survey of industrial and commercial customers and determined this time would cause the least inconvenience.

In a planning meeting held by engineering personnel, line and area supervisors and a representative from the contracting firm that was assisting with the project, a master map was divided

## SEC Approves APCo Request

Appalachian Power Company now owns one-third of the American Electric Power System's first 1.3-million-kilowatt generating unit.

Transfer of the one-third share of the John E. Amos Plant Unit 3 from Ohio Power Company to Appalachian took place May 25. It had been approved four days earlier by the Securities and Exchange Commission.

## Two APCo Men's Ideas Published

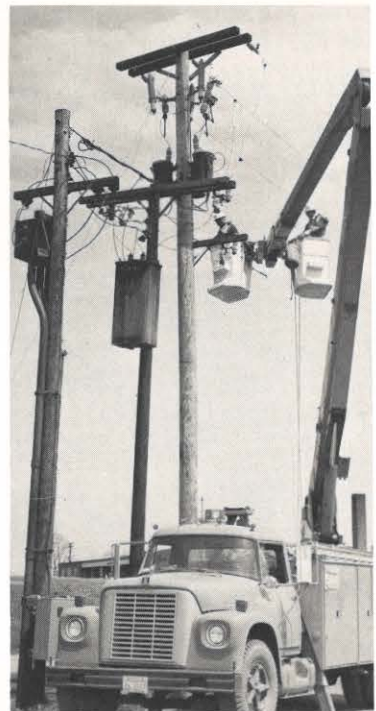
Two Appalachian Power employees had their operation improvement suggestions published in the May/June issue "AEP Operating Ideas".

Richard E. Northup, performance engineer senior at Phil Sporn Plant, wrote "Plan Control and Prevent Oil Seepage". F. P. Wilburn, transmission supervising inspector General Office Transmission Bluefield, was the author "Magnet Holds Tape For Transmission Check".

into three areas — one for each day's work. Each of the three areas were divided into 14 sections that could be worked by two-men crews. Men that were take part in the cutover were assigned one of the section along with the equipment and vehicles that would be needed. And, finally, the local newspaper and radio stations were notified of the planned interruptions.

The weather was good, the work proceeded on schedule and all customers had service restored within the planned time.

This major conversion in the Wytheville area took a lot of effort on the part of a lot of people. But, as one of the linemen participating said, "It all in a day's work."



Pulaski linemen connect 34.5 kv transformer bank at George Wyth High School.

# Wedding Bells Ring For Six Couples Across System



Wallen



McDowell



Sink



Quinn



McMillion

## Wise-Wallen

Gaye R. Wise and Daniel Edward Wallen were married April 14 in Frederick, Maryland. Mr. Wallen is the son of Curtis Wallen, stationman B, Pikeville.

## Vincent - McDowell

The marriage of Carrie Vincent and James E. McDowell was solemnized February 24 in High Point, North Carolina. Mrs. McDowell is a home sales representative, Huntington.

## Smith-Sink

Rebecca Elzie Smith was married to Gordon Harold Sink April 21 in the home of the bride's parents. Mrs. Sink is the daughter of S. E. Smith, truck driver-groundman, Roanoke.

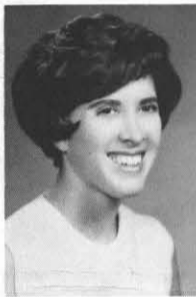
## Tuck-Quinn

April 6 was the wedding day of Ann S. Tuck and John W. Quinn. Mrs. Quinn is a secretarial-stenographer in General Office General Services, Roanoke.

## Wade-McMillion

A double ring ceremony performed April 7 in Goodwin's Chapel Church of Christ, Oakvale, West Virginia, united Cynthia Gail Wade and Samuel O. McMillion. Mrs. McMillion is the daughter of Walter S. Wade maintenance man, Glen Lyr Plant.

## Nancy Richardson Is Ordained



Richardson

Nancy Richardson, daughter of C. E. Richardson, Roanoke Division engineer B, has been ordained a minister in the United Church of Christ.

An AEP Educational Award winner in 1958, Miss Richardson graduated from Westhampton College at the University of Richmond. She taught high school for a year and then attended Southeastern Baptist Theological Seminary. After two years in that program, she received a grant from the Danforth Foundation for a one-year internship. During that intern year she worked with the San Diego State College YMCA-YWCA. She was associate director of religious life at Duke University for four years, and during that time earned a master of divinity degree from Duke Divinity School.

In 1970, Miss Richardson became executive director of the Oberlin College YM-YWCA. She is currently a campus minister at Boston University, where she was ordained in April.

## Hylton-Smith

Pamela Carol Hylton became the bride of Michael Vernon Smith February 16 in Midway Church of Christ, Bluefield, West Virginia. Mrs. Smith is the daughter of K. W. Hylton, transmission inspector, General Office T&D, Bluefield.

## ENGAGEMENTS

CATHERINE COX to John Edward Faust, Jr. Mr. Faust is the son of John E. Faust, executive assistant, Kingsport.

BARBARA SUE SLOAN to William Meade Stull. Miss Sloan is a credit representative, Roanoke.

NANCY JOHNSTON to Michael G. Reed. Mr. Reed is a meter reader, Bluefield.

BARBARA ANN MYERS to Bart Allen Jeffrey. Miss Myers is the daughter of William L. Myers, meter reader at Princeton, Bluefield Division.

SHARON WALLACE to Clifford Wyatt. Miss Wallace is the daughter of B. E. Wallace, master maintenance man, Philip Sporn Plant.

JEANNE COLEMAN to Stewart Vance. Miss Coleman is the daughter of H. M. Coleman, stores supervisor, Pikeville.

VICKIE SUE ROCHESTER to Michael J. Jamison. Mr. Jamison is a utility helper, General Office Operating, Roanoke.



Mr. and Mrs. Fairest H. Wooten celebrated their 50th wedding anniversary at their home in Killarney, West Virginia. The Wootens, who were married April 14, 1923, have four daughters, four sons, 28 grandchildren and two great-grandsons. Their son, Vernard Wooten, is a material clerk in the Beckley Division Stores Department.

## Teacher Receives National Award



Birchfield

Vivian Birchfield, wife of Pikeville Meter Reader Fred Birchfield, has been named an "Outstanding Elementary Teacher of America" for 1973. This is an annual award program honoring the nation's finest elementary teachers who have contributed exceptional service, achievements and leadership in the field of education and who employ in their teaching methods much more than the essentials of classroom instruction.

Mrs. Birchfield, an English teacher in the Kimper Elementary School, Kimper, Kentucky, holds a degree from Pikeville College. She is presently doing graduate work at Eastern Kentucky University.



## Abingdon

MR. AND MRS. J. L. PRICE, a son, Jonathan Eric, May 11. Price is a lineman A, Lebanon.

MR. AND MRS. R. H. SNODGRASS, III, a son, Robert Brandon, May 9. Snodgrass is an electrical engineer.

## John E. Amos

MR. AND MRS. GEORGE RICHARDSON, a son, George Luther, III, April 26. Richardson is acting chief timekeeper.

## Bluefield

MR. AND MRS. COSIMO N. COMEROSA, a daughter, Natasha Nicola, April 18. Comerosa is an engineer B.

MR. AND MRS. ROGER L. HESS, a daughter, Kimberly Denise, April 14. Hess is a planner senior.

## Charleston

MR. AND MRS. R. D. HARRISON, a son, Gregory Ralph, April 25. Harrison is a lineman C.

MR. AND MRS. KENNETH HUDSON, a daughter, April Lynn, April 13. Hudson is an auto repairman B.

## Clinch River

MR. AND MRS. ROBERT L. MUTTER, a son, Robert Lee, Jr., March 26. Mutter is a maintenance man.

## General Office

MR. AND MRS. D. L. RICHARDSON, a son, Kevin Joe, March 31. Richardson is a transmission man helper, GO T&D, St. Albans.

MR. AND MRS. THOMAS E. TYREE, a daughter, Tricia Michelle, April 27. Tyree is a transmission man B, GO T&D, Roanoke.

## Hazard

MR. AND MRS. WATSON WILLIAMS, JR., a son, Watson, III,

April 17. Williams is a rodman.

## Huntington

MR. AND MRS. D. E. ROOD, a son, Nathan David, May 3. Rood is a lineman A.

## Pulaski

MR. AND MRS. DANIEL L. ADAMS, a son, Mark James, April 14. Adams is an electrical engineer.

MR. AND MRS. RALPH S. JONES, a daughter, Alyson Kristina, April 22. Jones is a line foreman NE.

## Roanoke

MR. AND MRS. LARRY MILES, a son, Matthew David, April 30. Miles is a survey crewman.

MR. AND MRS. G. W. CULLINAN, JR., a son, G. W., III, April 28. Cullinan is a lineman helper.

MR. AND MRS. WAYNE J. BOWLING, a son, Shannon Todd, April 30. Bowling is a lineman helper, Rocky Mount.

## Capacity Crowd At Cooking School

A capacity crowd of 765 attended Lynchburg's eighth annual electric cooking school and 220 other persons were turned away after registering.

The cooking school has gained national recognition through "The Westinghouse Retailer" magazine.

Sponsored by a local appliance dealer, the program was conducted by Betty M. Pearson Lynchburg home sales representative, with the assistance of Sandy Fulton, Westinghouse home economist. Jesse L. Ashworth, dealer sales representative, helped make arrangements for the school.



A cooking school for 20 Girl Scouts was recently conducted by Roanoke Division home sales representatives. Among those attending was Sara Kilgore, daughter of Bob Kilgore,

Roanoke Division administrative assistant. Bob (left) visited the school one day and Sara insisted he sample the main dish of "pigs in a blanket".



## Fishing Ahead For Boyd



Boyd

"I'm happy to have had the opportunity to work for the company and will miss being with my friendly co-workers," says Luther (NMI) Boyd. He was a maintenance man at Kanawha River Plant before electing early retirement May 1.

Now Luther plans to take life easy and spend more time pursuing his favorite hobby, fishing. His daughter-in-law had this in mind when she bought his retirement present — a tackle box and a folding chair that has a place to insert a fishing pole.

A native of Chandler, Indiana, Luther was employed at Kanawha River in 1953 as a junior maintenance man and was promoted to maintenance man in 1956.

He belongs to the Baptist church and has been active in the Eagles and Moose Clubs. He was chairman of the Board of Trustees of the Order of Eagles when they collected \$78,000 for Boys' Town. He also was a precinct captain for a number of years in the Town of Montgomery. Luther and his wife Anna have two children and three grandchildren.

## J. C. Musgrave Takes New Post



Musgrave

James C. Musgrave has been named to the newly-created position of national accounts coordinator in the General Office Commercial Department, Roanoke. He rises to the position from that of heating and builder sales coordinator in Roanoke Division.

A native of Huntington, West Virginia, Musgrave holds a bachelor of science degree from Marshall University. He was employed in 1962 as a heating and builder sales representative in Charleston and was a commercial sales representative there before being transferred to Roanoke in 1971 as dealer sales coordinator.

Musgrave is married and has two sons and two daughters.

# PROMOTIONS & TRANSFERS

## Appalachian Power

### Abingdon

T. L. Russ to Lineman A. B. R. Cornett to lineman A. J. E. Hill to Draftsman Senior.

### John E. Amos

R. J. DeLancey from chief, electrical construction, Amos Plant, to resident engineer, Cardinal Plant. J. F. Bauknecht, civil construction assistant, from Amos Plant to Cardinal Plant. R. W. Scott to safety-security coordinator assistant. G. L. Richardson to chief timekeeper. C. C. Cassell to civil construction assistant chief. T. A. Boyle to civil construction assistant chief. R. W. Palmer to chief, electrical construction. Linda Cottrell to clerk-typist.

### Bluefield

D. H. Hudson, Jr., to Stationman B. R. L. Hess to Planner Senior. S. A. Shinault to Lineman A.

### Cabin Creek

R. W. Willis to Utility Operator.

### Charleston

D. B. Thompson to Planner. J. C. Coleman to Planner Senior. Willa Sturm to Head T&D Clerk. P. L. Hunter to Lineman Helper. Frances White to Credit Representative. J. D. Crowder to Planner. P. E. Harris to Car Washer. Janet McMillian to Clerk Junior. Norman J. Caldwell from Custodian, Charleston, to Hydro Maintenance Helper, Kanawha Valley Power.

### Clinch River

C. W. Amburgey to Utility Operator B. E. L. Roush to Yard Helper. K. B. Bolling to Yard Helper. Jo Ann Fleenor to Time Clerk Senior.

### General Office

G. C. Fowler from Auto Repairman A, Huntington, to Messenger, General Office. F. C. Carder, Jr., to Reproducing Machine Operator B. Eralene S. Poindexter to PBX Operator. Sharon Higgins to Stenographer. Linda Frith to Cash Book Clerk. Wanda P. Clemons to General Accounting Clerk Senior. T. O. Wexler to Data Processing Operator A. C. F. Harlowe, Jr., to General Accounting Clerk Senior. Veronica Reed to Key Punch Operator A. Ruth Manning to Key Punch Coordinator. Barbara Frantz to Key Punch Coordinator. George Lowe to Classification Clerk Senior. T. B. Carter to Classification Clerk Senior.

### Huntington

C. E. Botts to T&D Clerk Senior. E. M. Bowen to T&D Clerk. George Dewees to Meter Reader.

### Kanawha River

E. W. Phares to Coal Handler. J. F. Inghram to Utility Man A. R. A. Sparkman to Utility Man A. J. A. Scott to Utility Man A. R. G. O'Neal to Utility Man A. G. E. Morris to Utility Man A. R. S. Robinson to Utility Man A. M. J. Rogier to Utility Operator.

### Lynchburg

K. T. Triplett to Dealer Sales Representative. J. K. May to Planner. Linda Medley to Customer Accounts Representative B. Marjorie Holley to Customer Accounts Representative C. J. L. Ashworth to Heating and Builder Sales Representative.

### Pulaski

J. K. Westmoreland from Boiler

Operator C., Radford Plant, to Lineman Helper, Galax. H. C. Osborne, Jr., to Lineman B. J. B. Gregory to Lineman B.

### Roanoke

JoAnn Rakes to Clerk Stenographer. Barbara Sloan to Credit Representative. R. C. White, Jr., to Lineman C. D. W. Hale to Lineman B. D. R. Brooks to Lineman A. R. P. Downey to T&D Clerk. C. L. Hunt to Meter Serviceman C. J. L. McManaway to Lineman B. W. L. Willhite to Lineman C. G. W. Wolford to Lineman B. N. C. Tester to Lineman A. Victoria Ross to Clerk Stenographer.

### Philip Sporn

R. J. Roush to Maintenance Man. R. S. Goodnite to Utility Man A.

### Kingsport Power

L. W. Fletcher to Draftsman.

## Month's Job Lasts 39 Years



Campbell

What was to have been a month's job of rewriting meter reading sheets stretched into a 39-year career for Chester Harvey Campbell, who retired June 1 as office services assistant in the GO General Services Department, Roanoke. During that time he has "lived through" five different billing conversions.

Chester, a native of Burlington, Ohio, was employed in 1934 as an addressograph operator in Huntington. He worked there as a clerk, assistant chief clerk, clerk senior, clerk special, head billing clerk and assistant billing supervisor before transferring to Roanoke in 1951 as assistant consumers billing supervisor. He was promoted to head, file maintenance section in 1958 and to his last position in 1968. Chester recalls that during the 1937 flood in Huntington, he took the meter cards from the express station to the third story of the office building, which he entered by a skiff through the window.

He and his wife Eileen have one son. They will continue to live in Roanoke, where they attend Woodlawn Methodist Church. Besides doing some traveling, Chester plans more time to devote to gardening, fishing, woodwork and art.

## We Remember



Moore

Larry E. Moore, 30, turbine auxiliary equipment operator A at Cabin Creek Plant, died April 23 of chronic leukemia.

A native of Putney, West Virginia, Moore was employed at the plant in 1966 as a laborer and later worked as a utility operator A.

Moore is survived by his widow, two daughters and one son.



Berginnis

Edward A. Berginnis, 60, Beckley Division line foreman, died May 16.

A native of Beckley, West Virginia, Berginnis was employed in 1936 as a lineman and rose through the ranks as a district serviceman and area serviceman.

Berginnis is survived by his widow; a son, Edward L. Berginnis, Ashland Division accounting supervisor; a daughter; two sisters and six grandchildren.

Michael E. Johnson, 25, Bluefield Division draftsman, died May 8.

A native of Bluefield, West Virginia, Johnson served four years in the U. S. Marine Corps. He was employed in 1969 as a tracer and was promoted to draftsman in February of this year.

Survivors include his mother, one brother and one sister.



Wells

Joseph C. Wells, 64, Charleston Division line inspector, died April 13 following an extended illness.

A native of Charleston, West Virginia, Wells was employed in 1936 as a laborer and during his 36 years' service worked as a distribution clerk, clerk senior and inspector senior.

Wells is survived by his widow.



Fernatt

Charles E. Fernatt, 69, retirement maintenance man A in General Office T&D, Roanoke died April 28.

A native of Malden, West Virginia, Fernatt had broken service with the company before being employed in 1939 as a laborer at Charleston. During his 30 years' service he worked as an electrician helper, assistant maintenance man A, wireman, utility man, substation man B, an station maintenance man B. He retired March 1, 1969.

Fernatt is survived by his widow, four sons and two daughters.

William Anton Niemann, 65, retired Charleston Division lineman A, died April 8.

Niemann was employed in 1933 as a tree trimmer and later worked as a lineman B. He took early retirement in 1950 due to disability.

Survivors include his widow and one son.

## Brown Retires After 31 Years



Brown

Dixie Thomas Brown, yard foreman at Glen Lyn Plant, elected early retirement June 1.

A native of Mercer County, West Virginia, Dixie began his career as a laborer and during his 33 years' service worked as a diesel locomotive coal loader operator, coal equipment operator, coal and ash equipment operator and working foreman.

Dixie's plans for retirement include doing some gardening, hunting and maybe building a house for his granddaughter. He is a member of the Regular Baptist Church at New Zion West Virginia. Dixie and his wife Annie have one child, six grandchildren and one great-granddaughter. Their son-in-law, Dale E. Hall, is an equipment operator at Glen Lyn.

# Veterans Are Recognized For Lengthy Company Service



Harrah



McNeil



Thornton



Francis



Miller



Carrico



Hanshaw



Dove



Reese



Kirby



Thomas



Lamastus



Elkins



Miller



Black



Harrison



Stanley



Coffman



Baird



Robinson

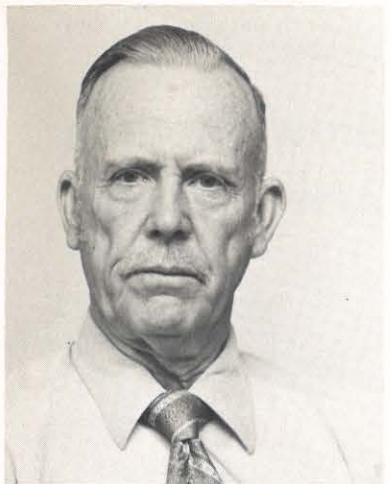


Chambers



Erwin

## J. D. Puckett Joins Retirees



Puckett

There were only four other employees at Appalachian's Fieldale office when David Puckett began working there in 1946 as a clerk junior. He recalls being paid 80 cents an hour for his job of checking on company cars and trucks.

David retired June 1 as senior PBX operator at Fieldale after nearly 27 years' service. Prior to joining the company, David had worked on the police force at Norfolk, Virginia, and at Fieldcrest Mills. Mrs. Puckett has been employed at Fieldcrest for 39 years and will continue working.

The Pucketts attend Fieldale Baptist Church. They have one son, Larry, who is employed at the Donald C. Cook Nuclear Plant, and two grandsons.

David's immediate plans include doing some repair work on his home and working his two gardens. There'll also be some time left over to pursue his hobbies of hunting, fishing and gem hunting.

30 Years	Occupation	Location
Harrah, H. H.	Maintenance Man	Cabin Creek
McNeil, Edna Z.	W/O Acctg. Clerk	GO-Roanoke
Thornton, P. E.	Div. Adm. Assistant	Roanoke
Francis, Annie	Cust. Accts. Rep. B.	Abingdon
Sink, Robbie A.	Cust. Acctg. Clerk	GO-Roanoke

25 Years	Occupation	Location
Miller, R. D.	Lineman	Huntington
Carrico, C. E.	Meter Serv. A.	Charleston
Hanshaw, Reba	Head Cashier	Huntington
Dove, H. Q.	Transmission Man A	GO-Roanoke
Reese, Fred H.	Maintenance Man	Cabin Creek
Kirby, J. A.	Area T&D Clerk	Beckley
Thomas, L. C.	Service Coordinator	Lynchburg
Lamastus, O. R.	Reg. Asst. Chief Oper.	GO-Danville
Elkins, Carl	Htg. & Bldr. Sales Rep.	Huntington
Miller, H. R.	Draftsman Senior	Charleston
Thompson, Ben	Shift Operating Engr.	Clinch River
Stone, E. S.	Sales Manager	Hazard

20 Years	Occupation	Location
Black, Virginia	R/R Sales Dev. Rep.	Huntington
Harrison, H. E.	Lead Draftsman	Huntington
Stanley, J. J.	Lineman A.	Logan
Coffman, R. R.	Chemist Assistant	Glen Lyn
Baird, Joan	Cust. Accts. Rep.	Huntington
Robinson, Doris	Stenographer	Pikeville
Chambers, W. W.	Meter Serviceman A.	Logan
Erwin, L. F.	Meter Reader	Huntington

15 Years	Occupation	Location
Vaught, E. D.	Station Staff Engineer	GO-Roanoke

10 Years	Occupation	Location
Cook, Lucille	Cust. Accts. Rep. B.	Bluefield
Musick, C. W.	Utility Coal Attend.	Clinch River
Owens, S. R.	Fleet Office Supv.	GO-Roanoke
Austin, F. E.	Lineman A.	Lynchburg

5 Years	Occupation	Location
Pendleberry, T. R.	Asst. Hydro Util. Op.	Kan. Val. Pwr.
Cox, J. R.	Plant Clerk	Clinch River
Baumgardner, David, Jr.	Stores Acct. Clerk Sr.	GO-Roanoke
Crawford, Carrie	Invoice Audit Clk.	GO-Roanoke
Keaton, S. F.	Sta. Maint. Man B	GO-Huntington
Kirby, D. L.	Sta. Maint. Man B	GO-Huntington
McComas, R. A.	Sta. Maint. Man B	GO-Huntington
Miller, Warren	Sta. Maint. Man B	GO-Huntington
Queen, Kenneth	Sta. Maint. Man B	GO-Huntington
Wright, J. K.	Civil Const. Asst.	GO-Blue Ridge
Johnson, J. R.	Meter Reader	Pulaski
Garnes, H. D.	Barge Attendant	Philip Sporn
Combs, J. C.	Meter Reader	Hazard

## Corbett, Marino Elected Officers

Two new officers of the AEP Service Corporation have been elected by its Board of Directors.

John R. Corbett was elected assistant vice president—purchasing and stores, succeeding R. M. Mills, who retired.

Louis H. Marino was elected assistant treasurer and named

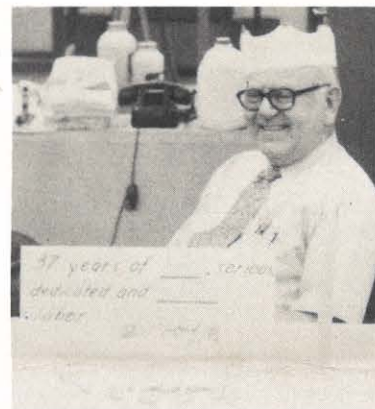
manager of the Treasury Department's newly created Special Audits Division, located in Canton, Ohio.

The new Special Audits Division to be headed by Marino will handle auditing activities associated with plant construction, fuel contracts and other special audits.

## Securing Right Of Way Was Anything But Dull For Quinn Harless

"My first day at work, Carson Dalton (now retired) showed me where the line would be built, handed me a pad of right of way agreements, and told me to 'go to it,'" recalls Quinn Harless of Pulaski. During the next 36 years, until his early retirement June 1, Quinn's work brought him in contact with all kinds of people and provided many interesting experiences.

"I remember one time Paul Kelsey and I went out in the county to get some right of way. We knocked at the kitchen door; and, when the lady of the house opened it, hogs came running out and knocked us both down. Another time I went to a farm to secure right of way and was told at the house that "Pa" was plowing. When I found Pa and stated the nature of my business, I asked if he had seen some stakes in his field. He recalled that he had but they were plowed up now. He said I'd have to talk to his brother, too, who farmed with him. Inquiring as to his brother's whereabouts, Pa said he was fishing and pointed to the end of the plowed furrow. Sure enough, there was a man at the end of the field, just casting his line in the plowed ground. Then Pa told me that if I'd wait until he took care of old Maude, the horse, he'd get his boat and we'd row down there."



Quinn Harless was crowned "retiree king of right of way" by his co-workers at a retirement celebration in his honor.

Witty and jovial, you never saw man who didn't like Quinn. Though he's always good for laugh, Quinn was very thorough and exacting in his work.

A graduate of T. C. Williams Law School, Quinn began his career in 1936 as a rural service sales man. He later worked as a clerk clerk special, district right of way supervisor and, finally, right of way agent.

"I'm going to retire on Smit Mountain Lake and fish. When time I'm not fishing, I'll be fiddling around in my woodworking shop." He and his wife Pats have been married 36 years.



Newly elected officers of Beckley Division's Appaleisure Club are (l. to r.) W. D. Allen, president; Clyde

Barker, secretary-treasurer; and Alberta Riddle, vice president.



Robert D. Curtis has spent about 215 hours restoring his Model A sedan.

## Lynchburg Retiree Keeps Busy Rebuilding Antique Automobile

Lynchburg Retiree Robert D. Curtis has found it takes three things to restore his 1930, two-door Model A Sedan: plenty of patience, money and ample space under cover to work.

So far Bob has spent approximately 215 hours working on his Model A. "I have completed all body interior restoration, including all woodwork on the interior top side and front of the car."

## Jones Named Line Inspector



Jones

Alfred M. Jones, Charleston Division truck driver-groundman, has been promoted to line inspector.

Jones began his career in 1947 as a laborer and later worked as a groundman.

Jones and his wife have two sons and a daughter.

## Carson Named Stores Auditor



Carson

J. O. Carson has been named stores auditor in Appalachian Power Company's General Office Accounting Department, Roanoke. In his new job, he will perform audits on all storerooms in Appalachian and Kingsport Power.

A native of South Boston, Virginia, Carson is a graduate of National Business College. He joined Appalachian's General Office Accounting Department in 1961 as a machine operator C and advanced through the ranks as machine operator B, general accounting clerk, statistical and reports assistant and payroll records supervisor.

Carson is married and has two children.

The Model A has its original fenders but Bob removed each one to install new welting between the body and fenders. He installed a new zinc moulding and rubber mats on both running boards and the motor has been completely rebuilt and all wiring renewed.

Many parts on the car were not original and all these have been replaced by authentic new or used parts.

Bob keeps state and city license tags on the car so that he can drive it anywhere at any time. He adds, "If you purchase antique license tags, you can drive the old car only to antique shows and displays."

## AEP Seeks Bids To Remove Pollutants At Kammer Plant

The American Electric Power System last month began a world-wide search for a workable system to remove pollutants, both solids and gases, from Power-plant-stack emissions.

In letters to 97 potential bidders, supplemented by an advertisement in major newspapers, Ohio Power Company asked manufacturers and engineering organizations to submit proposals for a system or systems to remove particulate matter and sulfur oxides at its 675,000-kilowatt Kammer Plant.

Bidders would be required to guarantee compliance with state emission standards and specified periods of availability. The invitation to bids, for example, calls for any proposed system to be able to limit each of Kammer's three boilers to emission maximums of 4,000 pounds per hour for sulfur oxides and 100 pounds per hour for particulates. The performance guarantees would cover eastern coals having the following characteristics: heat content of 10,000 to 12,600 Btu's per pound; sulfur content of 3 to 5.5 percent; and ash content of 10 to 22 percent.

Deadline for bids is July 9 and unit design must be completed by April 1, 1974.

## Nagel Receives National Honor

T. J. Nagel, vice president — system planning for the AEP Service Corporation, has been elected to the National Academy of Engineers — "the highest professional distinction that can be conferred on an American engineer". He was cited for outstanding "contributions to the engineering of large electric power distribution systems and to reliability-of-service concepts".

A private organization set up in 1964, the Academy shares responsibility with the National Academy of Sciences in advising the federal government on science and engineering matters; in sponsoring engineering programs to meet national needs; in encouraging engineering research; and in recognizing distinguished engineers. Only 429 now belong to the Academy of Engineers.

## Bird Promoted In Charleston



Bird

Leonard Bird, Charleston Division planner senior, has been promoted to engineer B.

Bird was employed by Kanawha Valley Power Company in 1964 as a laborer. He rose through the ranks as utility man and assistant hydro utility operator B before transferring to Appalachian Power's Charleston Division in 1971 as assistant planner.

Bird is married and has a son and a daughter.

## Jennings Takes R/w Position

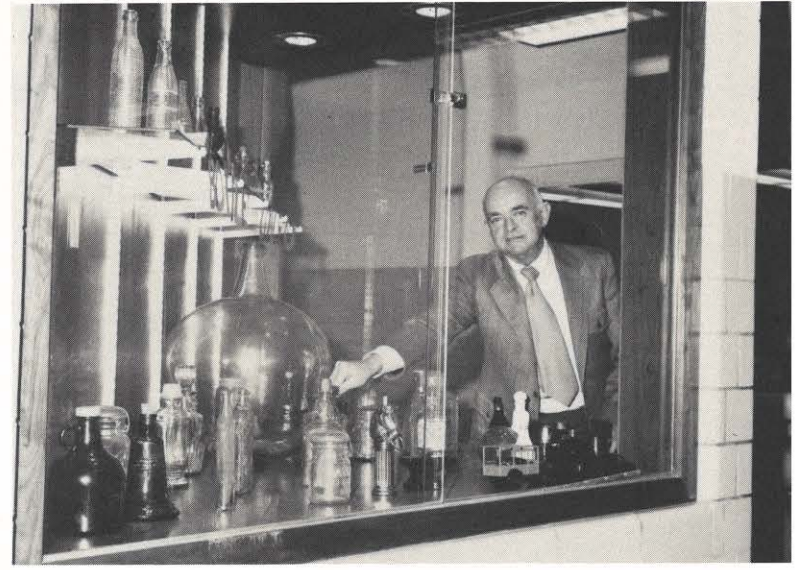


Jennings

Harry M. Jennings, Pulaski Division head T&D clerk, has been promoted to right of way agent. He succeeds Quinn M. Harless, who elected early retirement June 1.

A Carroll County, Virginia, native, Jennings attended Smithdeal Massey Business College. He began his career in 1966 as a T&D clerk and was T&D clerk senior before being promoted to head T&D clerk in 1971.

Jennings is married and has a daughter.



H. S. Fogleman displays his bottles at Abingdon Elementary School.

## Abingdon Stores Supervisor Displays Old Bottle Collection

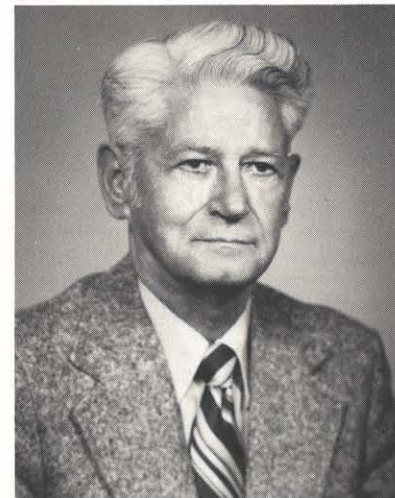
H. S. "Peanut" Fogleman's bottle collection was an attention-getter at Abingdon Elementary School recently. The students had been searching the area for new, old or unusual items to use in the school's display cases and learned of the bottle collection through Jim McCall, Fogleman's son-in-law, who is a teacher at the school.

Peanut, Abingdon stores supervisor, started his bottle collection over nine years ago. Since then he has collected over 500

bottles from various parts Virginia and surrounding state. His oldest bottle is dated 1858.

Some bottles have been given by friends, some salvaged from dumps and some bought at flea markets. The bottles, Peanut declares, do have value. Once he was offered \$ for an old Avon bottle he found before he had a chance to get home. He has seen bottles similar to ones in his collection priced for as much as \$25.

## Electric Heating Salesman Retire



Rice

"In those days, we didn't have any experience we could fall back on," says Ed Rice in recalling the early days of selling electric heat to home builders in Lynchburg. "We had to build confidence with the builders and do a lot of selling to get them to put an electric heating installation in a new house." Ed and his co-workers must have done a good job, because when he elected early retirement June 1, there were over 8500 electric home heating installations in Lynchburg.

Ed began his career in 1931 as a distribution record clerk and later worked as rural solicitor, clerk, rural representative A, senior right of way agent and area sales representative before being promoted to heating and builder sales representative in 1959. In his job as right of way agent, Ed remembers working 10 to 12 hours a day trying to secure easements for extending company facilities to serve people who wanted electricity. "Some of these easements were difficult to get, and at times it seemed

almost impossible to get the facilities extended for any distance."

Ed is a charter member of the Chestnut Hill Baptist Church and serves on the board of deacons. He has been active in the Cent Virginia Home Builders Association. He and his wife Florence, who is a former Appalachian employee, will continue to reside in Lynchburg. They have a son and a daughter and four grandchildren.

## Roberts Takes Supervisory Post



Roberts

Jane V. Roberts has been promoted to fleet office supervisor in the Transportation Section of the General Office General Services Department, Roanoke. She rises to the post from that of general bookkeeper in General Office Accounting.

Following pre-med studies at Concord College and nursing training, Mrs. Roberts served two years in the U. S. Naval Hospital Corps. A junior accounting graduate of National Business College, she joined Appalachian Power in 1947 as junior clerk and rose through the ranks as automotive record clerk, junior and senior accounting machine operator clerk and general accounting clerk senior.



Cliff Hawley, Abingdon service coordinator, thought he had something to crow about when he brought home his small trophy as a winner in the Inter-City Bowling League. Then, the next day, son Wayne brought home a 20-inch trophy for scoring a

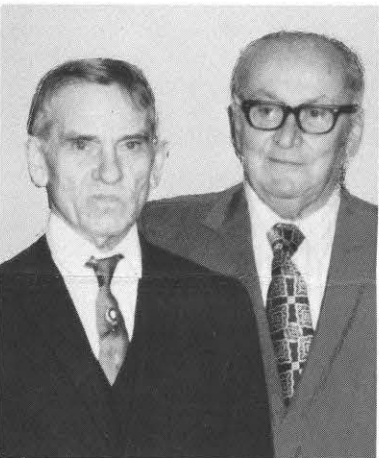
506 series in a tournament sponsored by Virginia Highlands Community College. Dot Hawley, Abingdon T&D clerk senior and herself an avid bowler, seems to be enjoying the friendly competition between father and son.

## Who's News



C. A. Zoellers, Hazard Division manager, was named "Man of the Year" at the 21st annual civic night banquet in Hazard. The award was presented by Erman F. Wirtz, president of the Hazard Chamber of Commerce (right). Zoellers is president of the Hazard Kiwanis Club; member of the board and trustee of Bowman Memorial Methodist Church; past president and vice president of the

4-H Club and Council; member of the board of the Hazard Chamber of Commerce; chairman of the drive for the Open Door Children's Home; chairman of the Perry County Chapter, American Red Cross; past chairman of the Heart Fund; past president of the local chapter of Professional Engineers; and a member of the Kentucky State Board of Professional Engineers.



O. F. Toalston (left) and W. H. Honaker were elected secretary-treasurer and president, respectively, of the Logan-Williamson Division's retired employees association.



In an effort to speed service installations to mobile home customers, the Logan-Williamson Division T&D Department designed and built several mock installations which are located at various points throughout the division for customer inspection. These mock-ups, subject of an operations improvement proposal, were the idea of Fred E. Varney, Williamson line and station supervisor. The mock-ups cover any particular situation which might apply

to an installation and enable a customer to see just what he must do to prepare for service. In almost every case, the installer's first visit is his last. Previously, an average of three visits to the site were common before installation was completed. In this photo, Glenneda V. Perry, Logan customer accounts representative, shows that the various component parts of the mock-ups have been labeled to enable customers to understand what they are viewing.



Officers of the Bluefield Coffee Club for 1973 are (l. to r.) H. T. Goforth, right of way agent, vice president; James E. Bailey engineering aide, secretary-treasurer; and Gail

Shaffer, customer accounts representative, president. This is Bailey's fifth consecutive year of handling the club's finances.



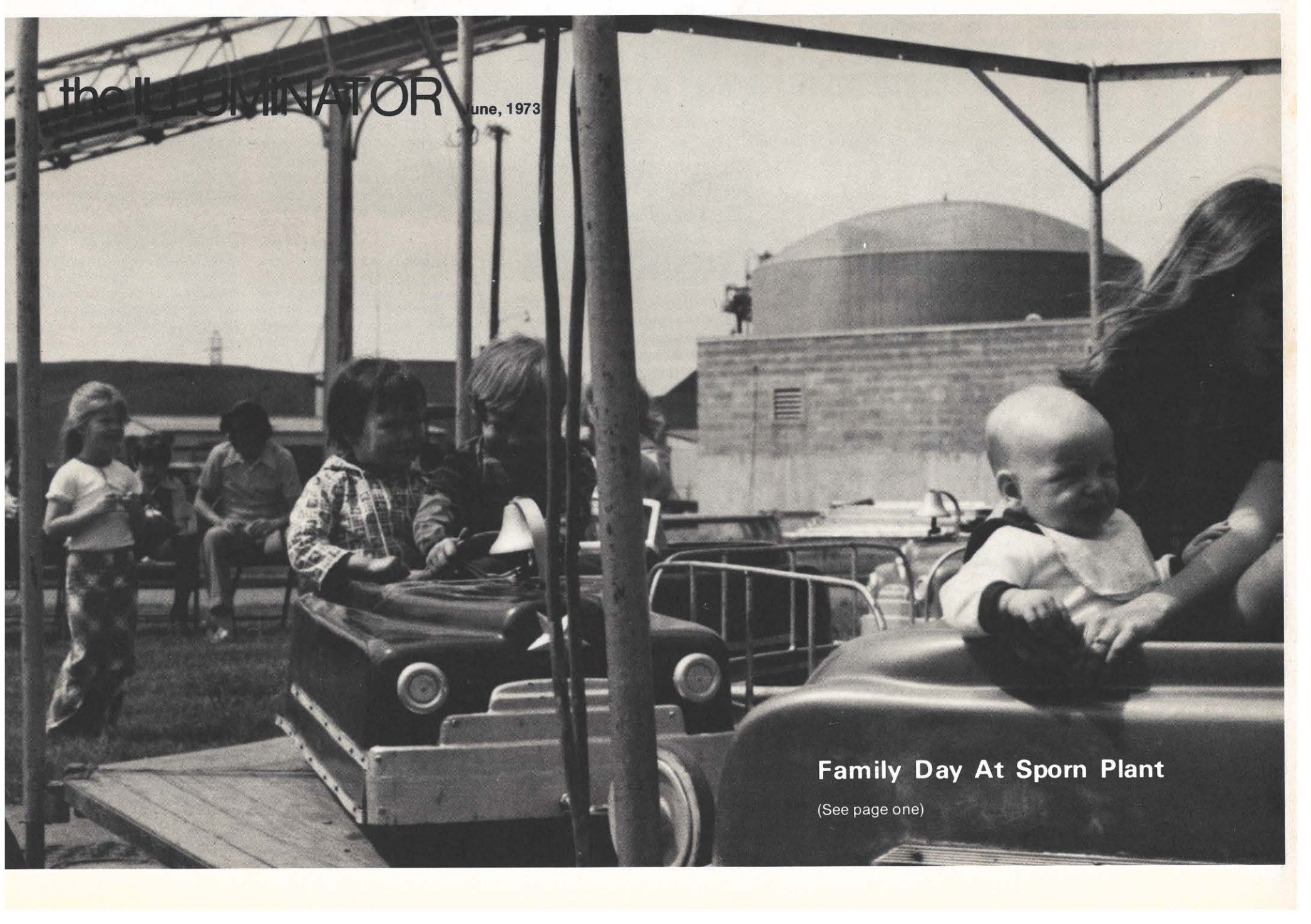
To fill the company's need for certified welders, Appalachian Power's General Office Training Section is using a programmed learning course developed by Westinghouse Learning Corporation. Entitled "Basic Arc Welding", the course includes 12 tapes which show on an audio-visual set the step-by-step method of welding in four ways: flat welds, vertical welds, horizontal welds, and overhead welds. After the tapes are shown, actual welding is

done and the welded coupons are sent to John E. Amos Plant for testing. If the tests are satisfactory, the employee is issued a certified welder's certificate. The course takes from two to four weeks, depending on the student's ability. Three Bluefield employees were the first to take the new course. They are (l. to r.) G. E. Hill, Jr., stationman A, who also served as instructor; J. D. Honaker, stationman A; and A. M. Brown, stationman C.



In connection with Career Day April 29, three Bluefield High School students were employed for the day in Appalachian's Bluefield office. The three students assigned to the company were Carol Browning, who worked in the Records Section; Iris Christian, who worked in Accounting; and Tom Preston, who worked in Drafting. The purpose of Career Day is two-fold: students have the opportunity to observe how busi-

nesses are run and businesses can observe what students are learning in high school today. The wages earned by the students go toward scholarships for worthy recipients. L. to r. are Iris Christian, student; H. G. Stafford, records supervisor; C. L. Shockey, personnel supervisor; Eulalia Footo, T&D clerk senior; Carol Browning, student; Tom Preston, student; and Clarence Brees, T&D clerk senior.



**Family Day At Sporn Plant**

(See page one)

# Ashland Retiree Edits Baptist Monthly Publication

"I have a deep conviction that a paper such as ours is needed in this area," says Paul Scaggs. "It shows it because of the way the paper has been accepted."

The paper he is referring to is "The Greater Huntington Baptist" and Paul has just been selected editor and business manager of the monthly publication by the Executive Board of The Greater Huntington Baptist Association.

First published in November 1972, the paper is now mailed to subscribers in 13 states and West Africa.

Being an editor is nothing new for Paul, who retired last year as a collector in Ashland Division. For eight years, he was editor of the "Baptist Herald," which had a circulation of 5,000 in 43 states and some foreign countries. He also was partner with his father

and brother in the Scaggs Printing Company for several years.

Being editor of "The Greater Huntington Baptist" is strictly a volunteer job. Paul says, "I write the editorials, church news and information from the Southern Baptist Convention. I have a lot of the material myself since I have been in church work all my life."

Paul spends countless hours each month on the paper. "I no more than finish one month's edition until I am thinking about the next one."

Paul's office is the dining room table in his home. His wife Dora says he spends so many hours on the paper that it makes it extremely difficult "to set the table for dinner". A former secretary and daughter of a minister, Dora is Paul's "right arm". She types all of his editorials and also writes articles for the paper.

Paul and Dora are members of the Westmoreland Baptist Church in Huntington, West Virginia. He is serving his second term on the executive board of the West Virginia Convention of Southern Baptists and is historian of the Convention and on the Missions Committee.

He has been clerk of The Greater Huntington Baptist Association since it was organized in 1961 and has edited its annual for 11 years. He was presented a Certificate of Achievement by the Southern Baptist Convention in 1971 for his work on the annual.



Editor Paul Scaggs dictates an article for "The Greater Huntington Baptist" to his wife Dora. She also writes for the publication.



Jack Green, heating and builder sales representative (left) and R. H. Ruff, power sales engineer senior (right) were honored as top salesmen of the year by the Bluefield Sales Executive Club. Bluefield Division Manager Jack Lloyd (center) presented the men with their trophies.

Appalachian Power Company  
Post Office Box 2021  
Roanoke, Virginia 24009

**ATT. POSTMASTER  
DO NOT FORWARD  
ADDRESS CORRECTION REQUESTED**

Bulk Rate  
U. S. Postage  
**PAID**  
Roanoke, Virginia  
Permit No. 7