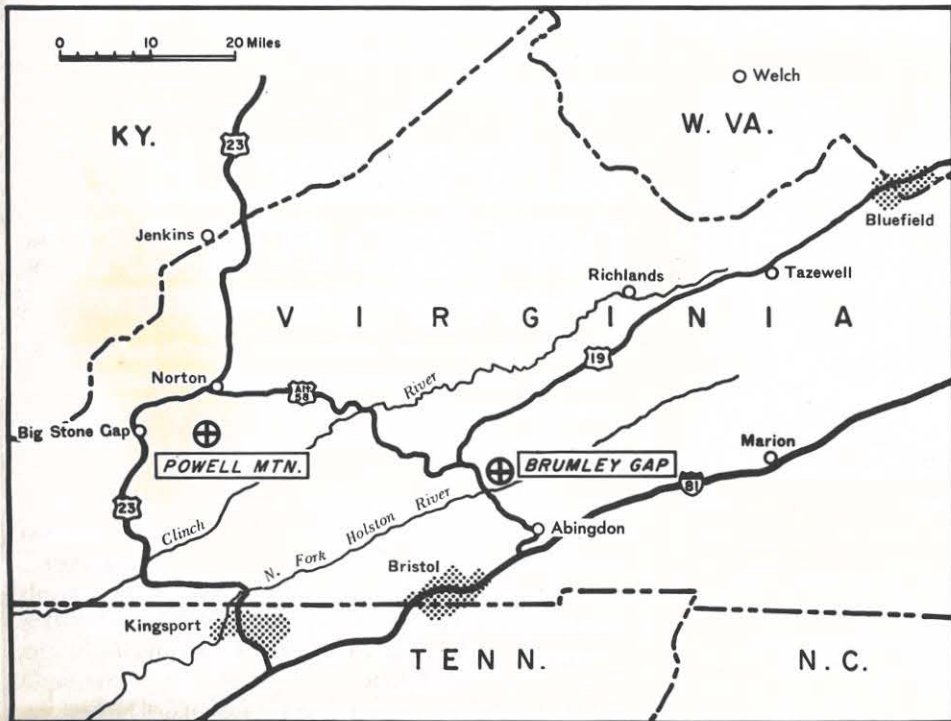


## APPALACHIAN POWER SEEKS PRELIMINARY PERMITS FOR TWO PUMPED-STORAGE HYDRO-ELECTRIC PROJECTS



Appalachian Power Company has asked the Federal Power Commission for two preliminary permits to allow the utility to determine the feasibility of constructing a pumped-storage hydro-electric generating facility at one of two potential sites in western Virginia.

John W. Vaughan, executive vice president, said that such permits would grant the company the right to conduct certain engineering, economic and environmental studies at the two locations for a period of three years. If the results of the studies proved to be favorable, Vaughan said, the company would then file an application for an FPC license to construct a pumped-storage development capable of accommodating as much as 3-million kilowatts on "at least one" of the two sites.

At 3-million kw such a project would be larger than any existing power plant on the seven-state American Electric Power System, of which Appalachian Power is a major part, and would be the largest pumped-storage development in the United States.

Vaughan identified the two sites, both in mountainous terrain, as follows:

**POWELL MOUNTAIN**, near Fort Blackmore, Va., about six miles south of Norton, with the upper reservoir in Wise County and the lower in Scott County.

**BRUMLEY GAP** in Washington County, about eight miles northwest of Abingdon.

Either of the two potential projects would involve the construction of two dams to create two relatively small reservoirs, but neither would block any main stream, Vaughan emphasized. At Powell Mountain, the upper reservoir would be fed by the South Fork of the Powell River, and the lower by Stony Creek. The Brumley Gap project would be fed by Brumley Creek.

Cost of the two studies, if the FPC grants the requested permits, would be an estimated \$1.2-million.

"Making necessary assumptions about the speedy handling of our applications, the progress of the studies and any subsequent regulatory processes, we would hope that the electric power supply to be furnished by one or the other of these potential projects would be available to Appalachian Power's customers by the late 1980s," Vaughan said. "In no way, however," he added, "would this project be comparable with or represent a replacement for the capacity scheduled for the early 1980s that was lost when Congress killed the company's proposed Blue Ridge combination pumped-storage hydro-electric project a year ago." (That development on the New River along the Virginia-North Carolina line would have generated 1.8-million kw.) Vaughan said the newly proposed projects, if proven economically feasible, would be an "ideal solution" to the problem of meeting the projected peaking-capacity requirements of Appalachian Power's customers beginning in the late 1980s. He said he was unable to predict how much time the FPC would require to pass on the applications.

He described both study projects as "pure" pumped storage. In each case, he said, the operation is virtually a closed system, with water falling by gravity through a long penstock from the upper reservoir to the lower, passing through a turbine enroute to generate electricity, then being pumped back nightly through the same penstock to the upper reservoir for re-use the next day. In either project, both the powerhouse and the penstock would be built underground. At Brumley Gap, the penstock would be about 15,000 feet long; at Powell Mountain, approximately 11,000 feet.

In comparison, Appalachian Power's existing Smith Mountain pumped-storage development on the Roanoke River is unlike either of the proposed projects in three major respects:

1. When current expansion work is completed, it will have a generating capacity of 605,000 kw, about 20% of that of the potential of either of the proposed projects;
2. It combines pumped-storage generation at its upper dam with conventional run-of-the-river hydro-electric generation at its lower dam; and
3. It operates on a weekly, rather than daily, cycle, pumping water back into the upper reservoir mainly on weekends, when power demand is at its lowest.

The main advantages of "pure" pumped-storage generation, Vaughan explained, are that it can provide a large supply of electric energy without blocking waterways, and it can do so with minimal environmental impact on people and land. All four reservoir areas involved in the two sites are relatively small, ranging in surface area from 485 to 1,335 acres. (In contrast, the larger Smith Mountain Lake is about 20,000 acres.) Due to the small size of the reservoirs and their relatively large drawdowns in water levels, from 16 to 65 feet, required for operation, the potential for water-based recreation there is very limited.

Surveys of the two study areas have already indicated that a relatively few people would be relocated in the event that either project went beyond the evaluation stage. Portions of the land required for the reservoirs are owned by the Commonwealth of Virginia and the federal government, and only "a very few" miles of medium-duty roads would be involved, Vaughan said.

## WRITE YOUR SENATORS ABOUT ENERGY ACT

The help of the employees of the American Electric Power System is being sought by the company in connection with the National Energy Act now pending in Washington.

The U. S. House of Representatives has already passed its version of the Act, and the U. S. Senate is currently studying its version (S-1469).

If you, as an employee of a company involved in energy, are concerned about America's energy problem and if you believe, as the company does, that the legislation now before the Senate can be greatly improved to do the job intended, we ask that you immediately communicate your views to your state's two senators. In particular, we hope that you will urge that Part E of S-1469 be omitted or at least substantially revised.

Here is why:

Long before America was fully awakened to the present energy crisis, the AEP System was calling for a sound national energy program — one that would assure that this country will have the energy it needs to maintain its economy, support its industry and provide jobs and comfortable living standards for its people.

Because of this concern for the future of the energy supply in America, we were encouraged by President Carter's initiative and Congress' acceptance of the need for such a program. However, we are presently troubled over the harm that certain features of the pending legislation would have, not only on the AEP System and its customers, but on all electric utility systems and, indeed, the welfare of the nation. In addition to providing a free ride for many questionable legislative concepts which had not been able to pass Congress on their own merit, the pending legislation fails to come to grips with one major aspect of the energy problem: finding the means of increasing energy production.

The House bill, already passed, contains several provisions, especially those dealing with utility regulatory practices, that have exaggerated the President's intentions and would create additional obstacles to the implementation of a sound national energy policy.

With respect to the Senate bill, still being considered, we are especially concerned about its Part E which, among other things would:

- Transfer much of the present system of rate design and implementation from the various states to Washington;
- Impose a system of national rate design that would ignore regional differences and, in some cases, violate basic principles of cost relationships and cost effectiveness;
- Disrupt and delay the planning and construction of new electric generation and transmission facilities, and
- Make more difficult the already-difficult job of raising the capital necessary to do so.

Thus, as now written, Part E of the Senate bill, like the House bill before it, would be counterproductive to the development of a workable energy policy. Part E would represent a major step in the direction of the federal government taking over the rate-making and other regulatory responsibilities relating to the supply of electric power which, at the retail level, has historically been carried out by the states. We believe that this is an unsound approach which should be rejected.

(In a letter to AEP common stock shareowners, which they will receive with their September 9 quarterly dividend, Chairman W. S. White, Jr. urges that they, too, write to their senators on this important matter. AEP has over 250,000 shareholders in all 50 states.)

## THE ILLUMINATOR

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## AEP DIVIDEND REINVESTMENT AND STOCK PURCHASE PLAN AVAILABLE TO EMPLOYEES

American Electric Power System employees can now participate in the AEP dividend reinvestment and stock purchase plan as a result of changes in the plan approved by shareowners at the April annual meeting.

The revised plan, which has replaced the prior stock purchase plan for employees, becomes fully operational this month. Basically, it makes it possible for employees to:

1. Buy AEP common stock at the prevailing average market price by monthly payroll deductions;
2. Buy AEP common, also at the prevailing average price, by direct cash payments to the plan's administrator;
3. Buy such stock by both of these means, and
4. Reinvest all or part of their quarterly cash dividends on AEP common in additional shares at 95 percent of the prevailing average market price.

The plan, which is administered by Morgan Guaranty Trust Company of New York, AEP's stock-transfer agent, represents a new source of capital for AEP, since the common stock involved, whether purchased by employees or non-employee shareowners, is newly issued shares sold direct by the Company. In the former plan for employees, the stock involved was existing shares bought in the open market.

The minimum and maximum payroll deductions allowed each month — any whole-dollar amount between \$5 and 10 percent of the employee's regular monthly income — remain the same as in the former plan for employees. In any event, the combined total of an employee's participation — both payroll deductions and direct cash payments — may not exceed \$3,000 per quarter.

An eligible employee — one who has completed six months' employment on the AEP System — may join the plan at any time by completing an enrollment card, available in the Personnel Department, authorizing Morgan Guaranty Trust to open such an account in his/her name. If the employee wishes to participate through payroll deduction, a second card, also available in Personnel, must be filled out, authorizing such paycheck withholding.

Employees who took part in the old plan and wish to continue in the new plan may transfer any shares remaining in their accounts from one to the other. If they wish to continue via payroll deduction, they must complete a new authorization card for that purpose. On the other hand, if they do not wish to continue in the new plan, they will receive a certificate for their accumulated shares (plus a check covering any fractional share held in their account or payments made to it after the former plan was phased out last month).

Deductions taken from a paycheck or cash payments made in any given month will be used to buy stock on the 10th of the following month. (If the 10th is a non-business day, the investment date will be the next business day.) AEP dividends are paid quarterly, on or about the 10th of March, June, September and December. The reinvestment of such dividends will be made at those times.

Should a participant leave the employ of the AEP System, as a shareowner he may continue in the dividend-reinvestment and cash-payment-purchase phases of the program.

A prospectus describing the revised plan is available to all interested employees, again in the Personnel Department. A copy of the prospectus will accompany each enrollment card issued to a prospective participant.

An employee may withdraw from the plan at any time by notifying Morgan Guaranty Trust. Also, if the employee is using the payroll deduction method of payment, he or she must also notify the Personnel Department.

## ROBINSON, RATLIFF PROMOTED



Robinson



Ratliff

W. M. Robinson, Glen Lyn Plant manager, has been designated manager of Project 1301, Appalachian's new plant under construction near New Haven, West Virginia. He will continue as manager of Glen Lyn until sometime in 1978, dividing his time between the plants.

When Robinson moves to New Haven, he will be succeeded as Glen Lyn Plant manager by R. B. Ratliff, presently assistant Glen Lyn manager.

Robinson has been manager of Glen Lyn since July 1, 1969. He holds a degree in mechanical engineering from West Virginia University and joined Appalachian at Cabin Creek Plant in 1951. He moved to Clinch River Plant in 1958 and was maintenance supervisor and operations supervisor there before becoming assistant manager at Glen Lyn in 1966.

Ratliff, a mechanical engineering graduate of Virginia Polytechnic Institute and State University, joined the company at Glen Lyn in 1950 and held several posts before becoming maintenance supervisor in 1966. He was named assistant manager in July, 1969.

## PSC DENIES RATE REHEARING

The West Virginia Public Service Commission has denied Appalachian Power Company's request for a rehearing of its May 6 order which granted less than half of the \$41 million annual rate increase the company had requested. The company intends to appeal the decision to the West Virginia State Supreme Court.

Commission order approved rates of \$15,380,000 annually for the period August 28, 1975, through April 30, 1976, and requires the company to refund \$17,783,000 for that period. From May 1, 1976, forward, the Commission's decision allowed rates of \$20,310,000 annually and requires the company to refund \$22,606,000 for the 12 months ending April 30, 1977.

## BLUE RIDGE LAND OFFERED FOR SALE

Appalachian Power Company last month announced a plan for disposal of property in Grayson County, Virginia, and Ashe and Alleghany Counties, North Carolina, which had been purchased for its ill-fated Blue Ridge Project.

John W. Vaughan, executive vice president of Appalachian, said disposal of the more than 16,000 acres acquired for Blue Ridge will probably take place over a minimum of five years, "so as not to flood the real estate market in the area." The land will be offered in tracts from time to time, with the first offering likely to be made in September.

Prior to offering a tract of land for sale, it will be appraised. After this, Appalachian will attempt to contact the parties from whom the property was originally purchased and give them first opportunity to repurchase it at its current appraised value. Vaughan emphasized that these parties only, and not their heirs or relatives, will have this opportunity. Land not repurchased by original owners will be offered for sale on a sealed bid basis.

The 16,346 acres of land to be offered for sale include 12,706 acres in Grayson County, 2,094 acres in Ashe County, and 1,546 acres in Alleghany County.

Vaughan noted the company had also secured some flowage easements that permitted flooding of the land not owned by the company. The property owners on whose land such easements exist will also be given the opportunity to have these easements released.

Vaughan said more than \$5.8-million has been invested in Blue Ridge land and land rights acquisition.

Appalachian had received a license from the Federal Power Commission, effective January 2, 1975, to construct the pumped storage project on New River, with lakes in Grayson, Ashe, and Alleghany Counties. But action in 1976 by the U. S. Congress in declaring a portion of the New River in North Carolina a part of the National Wild and Scenic Rivers System blocked the project.



The Hillsville crew left such a good impression with customers Mr. and Mrs. Rick Bell of Meadows of Dan, Virginia, that the couple sent a note of appreciation. It read, "Thank you to your company for the fine work you did in giving us electric service. Especially we want to thank Mr. Refert Jenkins and his crew of men for the very nice job they did and for being so nice and polite and considerate. That is very rare nowadays." Members of the Hillsville crew are, l. to r., R. C. Jenkins, line foreman NE; C. M. Goad, lineman A; and R. G. Musser, Lineman A.

## PFBC PLANT WILL TEST BURN OHIO COAL

High-sulfur coal from eastern Ohio will be burned in a pilot plant in England over the next six months. If all goes well in that stage and in succeeding stages of a three-nation, three-company effort, the American Electric Power System will build a commercial-sized PFBC facility at the Tidd Plant, Brilliant, Ohio.

"PFBC" is pressurized fluidized bed combustion, a power generation technique that holds promise of being an effective, economic alternative to the use of "Scrubbers" for flue-gas desulfurization to meet air-quality requirements. In PFBC, coal is burned at high pressure in a bed of inert material, such as limestone, which absorbs most of the coal's sulfur and leaves the waste gases virtually free of sulfur dioxide (SO<sub>2</sub>). Air heated in PFBC "combustors" is fed at high pressure to a large industrial gas turbine, which generates electricity.

AEP and its two project partners, Stal-Laval Turbin AB of Sweden (subsidiary of ASEA) and Babcock & Wilcox, Ltd. of Britain, announced start of the development last winter and then, last month, the completion of its first stage — a feasibility study.

The new, second stage about to begin will see the combustion testing of eastern Ohio coal in an on-going PFBC facility at Leatherhead, England, operated by that country's National Coal Board. Data from this testing will be used in the detailed engineering design stage (Stage 3) of the project, which in turn would determine the cost estimate for the fourth and final stage, the construction and operation of a PFBC combined-cycle demonstration plant at Ohio Power Company's Tidd Plant on the Ohio River.

A major conclusion from the feasibility study was that the project would be able to bypass its original concept of an air-heater cycle alone and leapfrog directly to the combined-cycle arrangement. This step, the studies showed, would result in a generating efficiency better than that of a conventional coal-fired power plant fitted with scrubbers. At the same time, emissions of SO<sub>2</sub> and oxides of nitrogen from the PFBC would be below Environmental Protection Agency standards and thus assure clean air.

The combined-cycle operation would produce about 170,000 kilowatts of electricity: 65,000 kw from the new gas turbine and 105,000 kw from one of Tidd's two existing (but mothballed) conventional steam turbine-generators. Gases from the combustors, to be designed by British B&W, would operate a Stal-Laval gas turbine — all housed in an annex to be built onto the existing power plant. Meanwhile, steam produced in tubes submerged within the fluidized bed would be piped to the plant proper to run the turbine-generator.

Tidd, built in the 1940s, had been placed in the status of deactivated reserve only last year. In June, the Ohio Power Siting Commission had given the green light for installation of the demonstration facility at Tidd.

Beauty of the PFBC concept is that, by removing sulfur in the combustion process, it makes available much of the nation's higher-sulfur coal (Ohio and Indiana coal and some West Virginia coal is in that category) for use in electric power production — and at the same time protects the environment.

## REGISTER FOR EDUCATIONAL AWARDS

October 7 is the registration deadline for the 1978 AEP Educational Awards Program.

The competition is open to AEP employees' children entering their senior year of high school this fall. Thirty-four prizes of \$3,000 each will be awarded. This year for the first time the competition is open to children of United Mine Workers members employed by the River Transportation Division, the Cook Coal Terminal and by affiliated mining companies.

Entrants who did not take the Scholastic Aptitude Test in their junior year, or who wish to take it again, are required to take the SAT on December 3, 1977. Registration forms for the AEP Educational Awards program are available in personnel departments.



## ENERGY DISPLAY HIGHLIGHTS HOME EC SEMINARS

An Energy Management Mobile Display, open to the public, is a major highlight of this year's annual seminars sponsored by Appalachian Power for home economics teachers and others. The mobile display tells the residential energy conservation story through the use of more than 20 displays housed in a large van.

Among the displays in the energy van, designed so that a visitor can learn firsthand how to use energy wisely in day-to-day living, are ones on insulation, heat pump, solar heating, electric meters, methods of cutting water use, fireplace construction so as to save energy and others. Many of the exhibits feature working models. The van is owned by the Virginia Farm and Home Electrification Council, of which Appalachian is a member.

The seminars, held in late August and early September, are annual events to which Appalachian invites junior and senior high and college home economics teachers, as well as others, to hear messages on wise use of electricity and related subjects.

## SAFETY CONTEST RULES REVISED

Guidelines for the AEP System Safety Competition have been revised. In addition, a special safety achievement program for the Fuel Supply Department has been included in the competition.

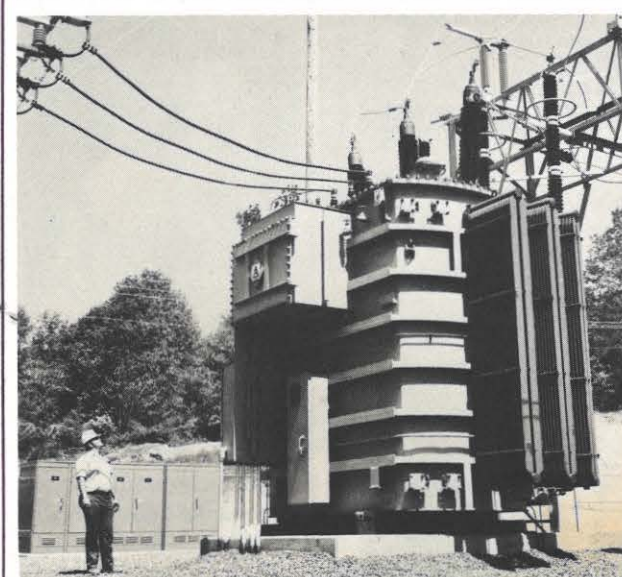
Under the new rules, office employee groups are no longer eligible for the competition. These groups will still be recognized by the Certificate of Merit program, which awards a safety certificate to groups working a certain number of manhours without injury.

The AEP System Safety Competition will be limited to those units which perform physical or hazardous work. Two trophies will be awarded to power plant units, with one awarded to groups with less than 250 employees and one to those employing 250 or more. Two trophies will go to divisions and general office transmission and distribution groups, again divided by size.

Judging is done on the basis of number and severity of injuries for a predetermined number of manhours worked. The program previously judged participants on the basis of most manhours worked since the last accident, failing to take into account severity of injuries or number of employees in the group.

The Fuel Supply Department Achievement Program will award two trophies, one for underground mines and one for surface mines.

## COPPER RIDGE STATION ENERGIZED



L. G. Cook, Gate City area supervisor, inspects the new Copper Ridge station.

The new 10,000 kva, 138/12 kv Copper Ridge station located in the Scott County area of Abingdon Division was energized in mid-March. Work on the \$340,000 facility was begun last October.

Construction of the new station was necessary to meet the electrical needs of the Nickelsville section of the Scott County service area. Division Manager J. R. Whitehurst said that the area's electrical load, predominantly residential, has been growing at an annual compounded rate of 10 per cent.

The area was previously served by two 12,000-volt lines from the Gate City and Mew substations, and they will continue to serve the area. The Copper Ridge station will give the area a new source and provide greater reliability of service. The new station picked up a load of 1,500 kva in the Nickelsville/Dungannon area.

## CBER SAM BROWN AIDS STATE POLICE



"Break one-nine for the Parley Man", says the Silver Fox KSD 4060 of Glasgow, W. Va. The CB enthusiast is Sam Brown, tractor operator at Kanawha River Plant.

Sam obtained his first license in 1962 and is a member of the United States Citizen Band Radio, Inc., and the West Virginia State CB Association. His base station is known throughout the Kanawha Valley as the friendly base. QSL cards from several distant states are on his bulletin board.

Sam's sophisticated equipment is a Browning Golden Eagle Mark II single side band radio. He also has a Pace SSB. A tower mount 60' OMNI directional antenna is anchored in his yard.

Sam often gives assistance to the state police through his radios. Once a bomb threat in the Dunbar area was announced by the West Virginia state police and Sam notified CBers on routes 60, 61, 64 and 77 to turn off their radios when approaching the threatened area. More recently he worked with the police by setting up engraving stations in Glasgow and Montgomery so that Social Security numbers could be engraved on CB radios to help prevent theft. Sam's wife and four daughters are also CBers.

## POWER PEOPLE MAKING NEWS

### Abingdon



**Chip Thayer**, son of Engineering Technologist Hunter Thayer, pitched for two victories in the District I All-Star Tournament in Bristol, Virginia. Coached by **Hunter Thayer**, the Senior League team defeated Washington County 7-3, Bluff City 11-3 and Avoca 7-6 to win the crown. They were eventually defeated by Wise 7-6 in the state tournament.

**Prince Coleman**, stationman A, coached another team, Big Walker All-Stars, in the same tournament. His regular season team won first place in the Glade Spring, Rich Valley, Saltville and Chilhowie League.

Thayer and Coleman have a combined total of 42 years in coaching little league and senior league baseball.

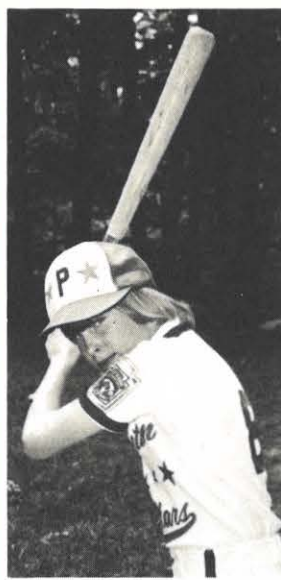
### Beckley

**Beulah Price**, wife of Rupert Line Foreman R. H. Price, represented the Rupert Area Improvement Council at the All West Virginia City meeting.

### Bluefield

**Cindy Mash**, daughter of Mary Lou Mash, customer accounts representative B, was a member of the First Baptist Church softball team which emerged as champion in the Bluefield Women's League. Mary Lou's husband, **Kenneth**, was the third base coach for the team.

**Deborah Bowen Burge**, daughter of Line Foreman R. T. Bowen, received an AS degree in nursing from Wytheville Community College.



**Russell Shrewsbury** was elected captain of the Princeton Little League All Star baseball team which won the Area 3 District 4 championship before being defeated by the Big Coal River League from Kanawha Valley. The son of Sherri Shrewsbury, customer accounts representative C, Russell has been the starting second baseman for the American Block team in the Princeton League for three years. He has a .361 career batting average with a single season high of .485. Russell's other accomplishments include All Star basketball, regular season 1977; All City basketball, summer league 1977; Free Throw Champ, summer league 1977; and playing on three consecutive football championship teams.

Personnel Supervisor **Carol Shockey** was appointed to a three-year term on the Mercer County Health Council.

**Dick Ruff**, retired Welch power engineer senior, and his wife **Ginger** attended the 60th annual convention of the International Association of Lions Clubs in New Orleans, La.

### Central Machine Shop

**Randy Witt**, son of Clifford Witt, winner 1st class, was elected "camper of the year — 1977" for the Junior High Division for Boys at the State of West Virginia United Pentecostal Church Camp.

### Charleston

**Golda Johnson**, GO secretary, was general chairman of the 32nd annual convention of the Alpha Iota, international honorary business sorority, held at The Greenbrier, White Sulphur Springs, W. Va.

**Beverly Coleman**, daughter of Elaine Braxton, customer accounts representative B, played on the state championship softball team for Gleans Sporting Store of Huntington. The team will play in the regional tournament, consisting of five state champions.

**Denise Walker**, daughter of A. K. Walker, lineman A, was named to "Who's Who Among American High School Students". She is a senior at Herbert Hoover High.

### General Office

**James L. Thomas**, son of Retiree Robert M. Thomas, GO R/e and R/w, Roanoke, received his PhD in education from the University of Virginia. He will teach at North Texas State University, Denton, Texas.

### Huntington

**Dr. Byron H. Black**, son of Virginia Black, residential advisor, received a degree in oral surgery from the West Virginia School of Dentistry.

### Kingsport

**John E. Faust**, executive vice president, was elected secretary of the Kingsport Rotary Club.

**Joyce Potter**, private secretary, was elected corresponding secretary of the Altrusa Club of Kingsport.

### Lynchburg

**J. Robert Davenport**, division manager, will be chairman of the Economic Growth Task Force of the Greater Lynchburg Chamber of Commerce for 1977-78.

**Lloyd Smith**, retired administrative assistant, will serve on the Rural Urban Committee of the Lynchburg Rotary Club for the coming year.



**Fred Clarkson**, line mechanic B, received the Outstanding Young Man award from the Nelson Jaycees. He was cited for his work with Little League football, Little League baseball and the Governor's Club, a school athletic service organization.

### Pulaski

Retiree **S. A. "Hinkie" Dewey**, was named by the Pulaski mayor to a citizens committee to work with the Town Council's Public Safety Committee in evaluating alleged irregularities within the Police Department.

### Roanoke



**Tina Lynn Kelley**, daughter of Ronnie Kelley, auto repairman A, was presented the Presidential Physical Fitness Award and a Mount Pleasant 15 Miler Patch for jogging.



**Jeffrey Altice**, son of Billy Altice, engineering technician senior, was first place winner in the 9- to 11-year-old division of the 4-H Club dairy poster contest, "Milk Measures Up".

**Jerry Harville**, husband of Frances Harville, Fieldale customer representative B, received his Green Belt in karate.



**Tracy Hill**, daughter of Cecil Hill, engineering technician senior, was first place winner in the 12- to 14-year-old division of the 4-H Club dairy poster contest.

## NEW FACES AROUND THE SYSTEM

#### Bluefield

**Jesse J. Ruble**, rodman. **Judith C. Dillenbeck**, meter reader, Tazewell. **David M. Bogle**, lineman helper.

#### Central

**Appalachian Coal** **David F. Haynie**, junior weighmaster. **Phillip R. Allen**, chainman B.

**Arnold J. Jackson**, safety representative junior. **Ernest H. Moore, Jr.**, general maintenance foreman.

#### Central Machine Shop

**Lynda D. Gross**, plant clerk C. **Marvin L. Pence**, machinist 1st class.

#### Charleston

**Jerry W. Garretson**, meter reader, Montgomery.

#### General Office

**Glenn E. Brown**, custodian, GO General Services, Roanoke.

**John P. Phipps**, engineering technician, GO Hydro, Blue Ridge.

**Norma Simmons**, junior clerk, GO Accounting, Roanoke.

**James F. Sparkman, Jr.**, engineering technician, GO T&D Communications, Charleston. **John N. Turner**, personnel assistant, GO Personnel, Roanoke.

#### Huntington

**R. A. Smith**, meter reader. **W. A. Jackson, Marjorie S. White** and **Donna J. Dempsey**, junior clerks. **R. E. Cornett**, lineman helper, Point Pleasant. **M. T. Dawson**, engineering technician.

**Kanawha River** **Ardavaz Shahbazian**, performance engineer.

**Kingsport** **Ricky Tunnell**, tracer. **Dawn Thayer** and **Brenda Hughes**, cashiers C.

#### Lynchburg

**G. I. Jackson, III**, and **Randolph G. Golladay**, meter service helpers. **Walter E. Childress**, meter reader.

#### Pulaski

**B. A. Rush**, electrical engineer.

#### Southern

**Appalachian Coal** **Terry L. Taylor**, junior clerk, Bull Creek Supply House. **Steven M. Harless**, stores helper, Bull Creek Supply House. **William E. Holstein**, junior weighmaster, Bull Creek Scale House. **James H. Shank**, chainman B, Bull Creek Office.

**Nancy A. Justice**, junior clerk, Bull Creek Office. **Larry W. McKinney, Roy J. Douglas** and **Jerry Richard Honaker**, section foremen, Bull Creek Mines. **Teresa Ann Price**, junior clerk-receptionist, Julian Office. **Deborah C. Hayhurst**, clerk-typist, Marmet. **Nona R. Edwards**, junior clerk, Marmet. **William D. Hitchcock**, chainman B, Marmet. **Daniel L. Kiser, Lenox L. Profit** and **Brian E. Gill**, co-op student engineers, Marmet.

**Philip Sporn** **G. D. Hines**, performance engineer. **J. L. Babiak**, chemist assistant. **W. E. Shuler, J. W. Hubbard, S. R. Dill, M. K. Johnson, A. R. Crisp, S. W. Mills, R. E. Weaver, T. J. Reiber** and **M. P. Hudnall**, utility men B.

## FISHER WRITES ARTICLE

The July 1st issue of *Electrical World* contained an article written by Dale S. Fisher, hydro maintenance foreman at Smith Mountain.

Fisher describes how the injection of compressed air to remove water from Smith Mountain hydro unit's draft tube prior to maintenance work — rather than wait for a two-hour gravity drain — is providing Appalachian with significant savings in maintenance-labor time and cost. It is estimated the new procedure will save about \$4,000 annually in labor and diving expenses at Smith Mountain.

## NEW CITIZEN FINDS PLEDGE OF ALLEGIANCE TASTY



Ray, Kim and Donna Casto. Photo courtesy *Charleston Daily Mail*.

Three-year-old Kimberly Dawn Casto, daughter of Ray and Donna Casto, became a naturalized American citizen in May. Ray is a machinist 1st class at Central Machine Shop.

The Castos were the only American couple with a Korean child at the naturalization proceedings in Charleston. While 58 other foreign nationals solemnly intoned the Pledge of Allegiance from a blue, government-issued pamphlet, Kim was discovering what hers tasted like. Donna laughed that after sitting for two hours for the proceedings, she was scared Kim would be cited for contempt of court, but the judge must have realized how a child would react.

The Castos had tried unsuccessfully for six years to obtain a baby for adoption. They had almost given up hope when they saw a picture in the *Parkersburg News* showing a planeload of children, including several Korean babies, who were being adopted by American parents through the Holt Adoption Program, Eugene, Oregon.

That was in November, 1972. Then came another year and a half of waiting for their application to be approved and a child to become available. Finally, on May 1, 1974, they received a phone call from Oregon, announcing the arrival time for their infant.

Kimberly, formerly Ree Ra Kim, was in a foster home in Korea prior to coming to the United States. She was six months old when she arrived at Kennedy Airport via Alaska. "We don't know much about her background other than she was abandoned on a doorstep in Seoul, Korea, when only a few hours old," Ray says. The Castos were advised that it was believed the mother watched and timed a policeman's beat by the building and left the baby shortly before he arrived in order for it to survive in the cold weather. "We feel the mother had the baby's best interest at heart and felt she was doing what she had to do," said Donna.

Kim had to be with the Castos six months before adoption proceedings could begin and it was another two years before she could become a citizen of the United States. It was necessary for the family to file an alien report on the child each year until that time.

The Castos have made new friends and met other Korean children at the annual APAC (Adoptive Parents of Asiatic Children) picnic hosted at different locations in West Virginia. The picnic is a get-together for families who have adopted, or are interested in adopting, children.

Between grandparents, friends and neighbors who have fallen in love with Kim, baby-sitting is no problem. "In fact, sometimes we have a waiting list," Donna said.



The once defunct Reddy Kilowatt Club, an employee social organization in Charleston, has been revived and new officers elected. They are: Sandy Byus, residential advisor, president; Herb Miller, draftsman senior, vice president; Katie Wilkerson, secretary-stenographer, secretary; and Marjorie Parkins, customer accounts representative B, treasurer. Board members are John Smith, line foreman NE; Eldivia Gullian, T&D clerk A; Patsy McIntyre, GO secretary-stenographer; and Wilbur West, meterman A. The first club activity is being planned, and employees interested in joining should contact one of the officers. Pictured, l. to r., Parkins, Miller, Byus and Wilkerson.



Marsha Lynn Boggess was crowned Queen Daphne VIII and presided as the reigning monarch over the 1977 Ohio River Festival in Ravenswood, West Virginia. She is the daughter of Darrell Boggess, area serviceman at Ravenswood in Huntington Division. From left, Patsy Paugh, Miss West Virginia; Boggess and Julie Sears, 1976 Queen Daphne. Photo courtesy *The Ravenswood News*.

## PRODUCING BEAUTY PAGEANT REQUIRES HARD WORK



From left, Lorena Terry; Miss Virginia, Terri Bartlett; and Rhonda Carter.

Millions of Americans will settle back in their easy chairs this month to watch the Miss America pageant on television. As the 50 smiling beauties display their talents and charm for the final judging, only a few of the viewers will be aware of what's going on behind the scenes.

Lorena Terry and Rhonda Carter will, however. Lorena, personnel assistant senior, has worked as a dressing room hostess for the Miss Virginia pageant for ten years. Rhonda, personnel clerk B, has been helping with the pageant for four years. Both work in the General Office Personnel Department, Roanoke.

Lorena and Rhonda are each assigned three contestants to help dress for their performance. "Accidents sometimes happen, like spilling makeup on clothes, zippers getting hung, ripped seams, losing jewelry, etc. All of these have to be taken care of the best way possible and keep the contestant calm and happy at the same time," says Lorena.

Rhonda notes, "Backstage is a busy, busy place with all the workers involved in the production. There are directors, stage crews, runners, dancers and contestants as well as their hostesses being on hand for last-minute details. Being backstage and seeing all that takes place makes you realize there is a lot involved in the production of the Miss Virginia pageant."

Both agree that working with the pageant is interesting, rewarding and fun. "You get to see the inside production and to meet each of the contestants personally," says Lorena. She adds, "Through experience of working with the pageant, you learn the qualifications necessary to pick a winner." She personally had picked Miss Norfolk, Terri Bartlett, as winner of the Miss Virginia pageant even before the judges made their decision. "I picked her because of her talent, which was piano, and her poise. I felt she would represent the state in a very gracious and dignified manner."

Rhonda says, "Each girl is special in her own way. Some girls seem to have the ability and character to portray a Miss Virginia better than others, but each are 'winners' in order to compete in the pageant."

Henry Howell, statistical analyst in GO Rates and Contracts, and Rodney Switzer, Roanoke meter serviceman C, served as ushers for the 1977 Miss Virginia Pageant.

# SYSTEM COUPLES MARRY



**Nora Frances Wright**, daughter of Duke C. Wright, Bluefield administrative assistant A, to Rev. Russell G. Lockett, August 6.



**Marsha Starnes**, Kingsport cashier B, to **Wayne Mullins**, Kingsport lineman A, July 16.



**Barbara Marlene Alexander** to **Alphonso Ray Dowell**, son of Young Dowell, Sr., Bluefield custodian, August 6.



**Brenda Lou Clark** to **Carl J. Bowyer**, engineering technician, Southern Appalachian Coal, Marmet, June 18.

**Linda Owens** to **Larry T. Dudley**, transmission man helper in GO T&D Transmission, Bluefield, July 16.



**Kathy Jo Porter**, daughter of Felix E. Porter, Charleston line foreman, to **Eddie Lee Asbury**, August 6.



**Sandra D. Kingrey**, junior clerk at Central Machine Shop, to **Sonny Joe Sisk**, August 6.



**Cathy Ann Smith**, daughter of Chester G. Smith, Bluefield line inspector, to **Perry Charles Hulbert, Jr.**, June 4.



**Celia A. Meisinger** to **O. J. Weldon**, Beckley electrical engineer, August 6.



**Martha G. Jones** to **Thomas R. Chaffins**, son of William A. Chaffins, Bluefield stores attendant senior, July 16.



**Kathryn Lea Keener** to **Kenneth Bruce Lazenby**, son of K. S. Lazenby, GO R/e & R/w supervisor, Beckley, August 13.



**Patricia Ann Crawford** to **Steven L. Martin**, son of Lee B. Martin, maintenance helper, Glen Lyn Plant, June 11.



**Debbie Lynn McClellan**, daughter of G. L. McClellan, Abingdon T&D clerk A, to **Mitchell Claude Mullins**, June 25.



**Ruby Hand**, daughter of C. H. Hand, Kingsport groundman, to **David Branson**, July 8.



**Anna Paige Stillman** to **Luther C. Houchins, III**, son of Luther C. Houchins, Jr., Clinch River Plant personnel supervisor, July 23.



**Janet Karen Via**, daughter of Darothy Via, Fieldale customer accounting supervisor NE in Roanoke Division, to **Timothy Alan Hatcher**, July 15.



**Vickie Lynn Cassell**, daughter of Dallas B. Cassell, Sr., retired Abingdon truck driver-groundman, to **Warren L. Campbell**, June 11.



**Mary Kathryn McGinnis**, daughter of J. R. McGinnis, Beckley division superintendent, to **Ralph Norman McDonald**, August 6.



**Ruth Annette Bowen**, daughter of R. T. Bowen, Jr., Bluefield line foreman, to **Jewell Perry Havens, II**, August 6.



**Constance Rhinaman** to **Jim Warrick**, son of Gordon Warrick, Kingsport garage foreman, July 2.



**Julia Mary Via**, daughter of Darothy Via, Fieldale customer accounting supervisor NE in Roanoke Division, to **Brian Marvin Nester**, August 21.

# BABY PARADE

**Abingdon**  
**Nichole Rene**, daughter of **J. D. Blevins**, Marion meter reader, July 24.

**Michael Alan**, son of **M. L. "Gus" Croft**, division office supervisor, July 18.

**John E. Amos**  
**Kimberly Dawn**, daughter of **James E. Hackett**, control technician senior, July 16.

**Brett Scott**, son of **Scott N. Jenks**, utility man, August 16.

**Cedar Coal**  
**Johna Marie**, daughter of **Patty J. Gillespie**, junior clerk, July 4.

**Central Machine Shop**  
**Kevin Wayne**, son of **Randy L. McClanahan**, stores attendant, July 28.

**Clinch River**  
**Arlene Georgetta**, daughter of **George Gharabeigie**, performance engineer, May 27.

**General Office**  
**Wendy Leigh**, daughter of **B. J. Kuehn**, engineering technologist, GO T&D Distribution, Roanoke, July 17.

**Glen Lyn**  
**Andrew David**, son of **R. David Martin**, engineer B, July 21.

**Logan-Williamson**  
**Brenda Jean**, daughter of **Donald Roer**, Williamson custodian, July 14.

**Roanoke**  
**Jamal Nagee**, son of **A. R. Casey**, Rocky Mount meter serviceman B, July 28.

**Karim Rasool**, son of **Andrea Thompson**, stenographer, July 19.

**Philip Sporn**  
**Elizabeth Dawn**, daughter of **R. R. Thompson**, maintenance man, July 27.

**Southern Appalachian Coal**  
**Michael David**, son of **David Lee Critchfield**, resident engineer, Bull Creek, July 9.

**John Robert**, son of **Robert Earl Boyd**, survey party chief, Bull Creek, July 17.

**Courtney Lee**, daughter of **Gregory Alan Wright**, industrial engineer, Marmet, July 23.

**Amie Gail**, daughter of **John Allen Massey**, industrial engineer, Marmet, June 18.

**John Timothy**, son of **John L. Hatch**, outside foreman, Marmet, June 23.

# HAVE TIME, WILL TRAVEL



A traveler and amateur photographer since the early 30's, **Michael G. Capasso** has no plans to change his life style after retiring September 1 as work order accounting supervisor in General Office Accounting, Roanoke. He's trying to decide whether to take an extended trip this fall to Sorrento, Italy; Costa Del Sol, Spain; or Hawaii.

A native of Chicago, Illinois, **Mike** attended La Salle Extension University Residence School and New York University. He began his career with Appalachian in 1945, working from May to September of that year with **Marty McGlone** on the electric plant original cost study. He then moved to the Electric Plant Accounting Section and held several positions before being promoted to work order accounting supervisor in 1966.

A member of St. Andrews Catholic Church in Roanoke, **Mike** enjoys gardening, reading and playing golf. He and his wife **Hazel** will celebrate their 35th wedding anniversary next month.



## SAFETY FOLDER SAVES SECRETARY FROM ROBBERY

Occasionally, employees will receive safety pamphlets along with their paychecks. One of those distributed several years ago gave tips on how women could avoid being attacked, robbed or even murdered.

Eleanor Cunningham, secretary in the Logan-Williamson Division Managerial Department, kept the folder in the top of her filing basket, reading it over many times. Little did she realize, however, that one day she would put it to use.

Eleanor relates her story for *The Illuminator*: "While in Morgantown, W. Va., I was staying at a motel not ten minutes from the medical center where my husband was receiving treatment. About dusk I left the hospital. Not three minutes away from it, on a well lighted street, a young man approached me. He appeared to be jogging and crossed approximately 15 feet in front of me. I stepped aside for him to pass, which he did and went toward the medical center. Thinking nothing of it, I continued down the street toward the motel.

"Moments later I heard heavy footsteps running behind me. I stopped, turned around, and saw the same young man, with another, running down the sidewalk. Again, thinking they were jogging, I stepped aside for them to pass me. But when they got along side, one grabbed one arm and the other grabbed my other arm, pulling me backwards to the sidewalk while trying to take my shoulder bag.

"That's when I remembered the safety pamphlet given me I don't know how many years ago. The pamphlet features a picture of a woman and is entitled "Scream, Scream, Scream". This just seemed to flash before my eyes, and that is exactly what I did — scream. The boys ran back towards the medical center without my pocketbook.

"I picked myself up from the sidewalk, went over to the curb and flagged a car which was coming up the hill. A kind young woman stopped and took me to the emergency department of the medical center. I was not seriously injured but had suffered a bad bump on the head and bruises on both hips and legs. I was very sore for several weeks afterwards.

"The moral of my story is read and follow the safety information our Safety Department provides for us. I sincerely believe this one small piece of paper with such valuable information for women prevented me from being seriously injured and maybe killed."

## SCREAM! SCREAM! SCREAM!

(Editor's note: The following safety tips for women are those included in the pamphlet to which Eleanor Cunningham refers in her story on this page.)

### THE HOME

1. Have locks on all doors on outside and strong chain or solid sliding bar on inside. **USE THEM.**
2. Have opaque blinds or drapes on *all* windows and close them at night.
3. Wear proper, nonprovocative garments for yard work.
4. Do not be too forward or friendly with salesmen, delivery boys, or any stranger, and do not invite them into your home when you are alone.
5. Do not open a door automatically. Insist that caller identify himself.
6. Leave a light on outside and inside whenever possible.
7. Do not hang intimate laundry outside on clothesline.
8. Do not gather clothes in from line after dark without ample light.
9. Discontinue milk and paper if you will be away. Ask neighbor to pick up mail.
10. If you live in an apartment, remember that you have many next-door neighbors, some of which do not come with credentials.

### THE PEDESTRIAN

1. Do not walk on dark, poorly lit streets, if possible — or close to bushes and trees. If you must take this route, circle around these dark areas and boldly walk in the street.
2. If you feel someone is following you, look for a lighted house. Go to the door and ring bell as if that were your destination.
3. If you must run — take off high heels, and if possible, hold them in your hands for future use.
4. If a car pulls along side you, change your pace and look for nearest house. The moment the car door opens — do the one thing least wanted or expected — *scream* as loudly as you can and as many times as you can, and run.
5. Always carry a flashlight, no matter how small, and a powerful whistle.
6. Stick to the walks and don't take any shortcuts.
7. If you are being followed, don't go directly to your own home. An unknown man trailing you might make note of your address for future use.
8. Vacant houses or office buildings are potential trouble — avoid them when you are alone.

### THE CAR

1. Look around garage or street before entering car.
2. Always check the floor or the rear seat before entering car.
3. Lock car doors when driving. Drive with windows up, leaving driver's window open only enough for needed ventilation.
4. When stopped at a light, if man or men attempt to open car door — run the light if it can be done without colliding with another vehicle — and blow the car horn — long, loud and clear.
5. Never pick up a hitchhiker — man or woman.
6. If you are driving alone, never stop to help what seemingly looks like a person in distress. Let qualified persons do the rescue work.
7. If you are being followed by another car, try not to let him pass and head for well lighted, well populated area, such as a shopping center. Or drive to the police station if near enough.
8. When you arrive home, let your headlights work for you by allowing them to let you observe garage before leaving car.

### THE PHONE

1. Never give your name or telephone number to caller until you have positively identified him.
2. Hang up on obscene callers. Do not say a word. If calls persist, notify police and phone company.
3. If caller ties your line, go to neighbor's phone and call police. Try to have call traced if possible.
4. Always give the impression you are not alone. **ALWAYS!**
5. Caution children about giving information on phone and tell them what to do if call is obscene.
6. Never tell caller your husband is out of town. Tell him he is busy or that you expect to speak with him in a few minutes and ask caller to leave name and number.
7. Remember, do not encourage the twisted mind by indulging him, resorting to name calling or any conversation. To ignore him is the best defense, and if all else fails, change your phone number.

## FURNITURE OR BIRDHOUSES, GRUBB BUILDS THEM WITH TLC



Hugh Grubb, center, and his grandsons, David, left, and Jay.

If you want to spend an afternoon talking about purple martins, looking at beautiful furniture or just plain visiting, drop by to see Hugh Grubb. Some of his 80-year-young attitude may rub off on you!

Since his retirement in 1962 as Wytheville area supervisor in the Pulaski Division, Hugh has turned out some of the prettiest furniture you will find anywhere. He spent a lot of time making the furniture with tender loving care.

One bedroom in his home features a dresser and chest of drawers made from a maple log he found locally and had cut into lumber. Another features a walnut suite. Hugh revealed he has made a five-piece walnut bedroom suite for his daughter in North Carolina and a five-piece mahogany bedroom suite for his son in South Carolina. He also made a five-piece walnut bedroom suite which he sold to a Pulaski resident.

Hugh's home also boasts a walnut desk with an inlaid top of different shapes and sizes of walnut pieces. Like the rest of his work, the desk has a beautiful finish. He said, "I have made five of these desks, including one for each of my grandchildren."

Some more of his handiwork is displayed on the patio of his home. Hugh became interested in the purple martin and is working on a martin birdhouse that he refers to as a hotel or condominium. It will have 85 compartments or room for 85 nests. He said that the study of the purple martin is one of the most interesting things he has undertaken.

# VETS GIVEN SERVICE AWARDS



Ruth Wilson  
Secretary  
Beckley  
40 Years



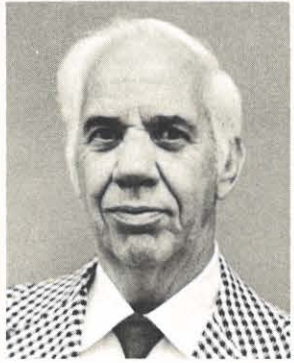
J. C. Hare  
Inst. Maint. Mech. A  
Glen Lyn  
40 Years



M. A. Langford  
Line Foreman NE  
Lynchburg  
40 Years



D. D. Campbell  
Shift Op. Eng.  
Clinch River  
35 Years



W. P. Vickers, Jr.  
Regional Dispatcher  
GO-Charleston  
35 Years



W. E. Ferrell  
Reg. Chief Disp.  
GO-Charleston  
30 Years



W. C. West  
Meterman A  
Charleston  
30 Years



R. H. Caldwell  
Regional Dispatcher  
GO-Abingdon  
30 Years



K. R. Higginbotham  
R/w Maint. Insp.  
Lynchburg  
30 Years



Ken Judy  
Engineer B (LTD)  
Charleston  
30 Years



H. K. Evans  
Head T&D Clerk  
Beckley  
30 Years



E. B. Johnson, Jr.  
Operations Coord.  
GO-Roanoke  
30 Years



C. W. Hodges  
Gen. Utility Man  
Roanoke  
30 Years



W. L. Myers  
Meter Reader  
Bluefield  
30 Years



A. H. Lilly  
Area Serviceman  
Beckley  
30 Years



H. G. Lawson  
Boiler Op. C (LTD)  
Pulaski  
25 Years



J. D. Martin  
Area Supervisor A  
Bluefield  
25 Years



W. H. Gilmore  
Asst. Shift Op. Eng.  
Clinch River  
25 Years



G. E. Michael  
Chemist Assistant  
Philip Sporn  
25 Years



R. E. Smith  
Master Maint. Man  
Philip Sporn  
25 Years



D. E. Hall  
Unit Foreman  
Glen Lyn  
25 Years



C. H. Shumate  
Coal Equip. Op.  
Glen Lyn  
25 Years



J. F. Russell  
Maintenance Man  
Philip Sporn  
25 Years



B. J. Stewart  
Meterman A  
Kingsport  
20 Years



J. F. Burnett  
Lineman A  
Pulaski  
20 Years



C. J. Dobbins  
Collector  
Beckley  
20 Years



G. M. Gillock  
Sys. Oper. Mgr.  
GO-Roanoke  
20 Years



H. G. Gillespie, Jr.  
Plant Engineer  
Glen Lyn  
20 Years



Winifred Crewey  
Cust. Accts. Rep. B  
Charleston  
20 Years





Clara Armstrong  
Payroll Special Clerk  
GO-Roanoke  
20 Years



E. J. Shaver, Jr.  
Div. Off. Supv.  
Charleston  
20 Years



Janice Pagans  
Elec. Plt. Clk. A  
GO-Roanoke  
20 Years

#### Abingdon

15 Years: **L. G. Cook**, area supervisor A.

#### John E. Amos

5 Years: **Edward L. Raynes**, utility operator A.

#### Beckley

10 Years: **Mary E. Taylor**, customer accounts representative B, Oak Hill.

#### Clinch River

10 Years: **W. D. Robinson**, maintenance man. 5 Years: **J. G. Bowling**, performance engineer. **S. E. Campbell, Jr.**, helper. **C. W. Edmonds**, equipment operator. **S. L. Nash**, equipment operator. **R. H. Buckles**, helper. **J. B. Smith**, equipment operator.

#### General Office

40 Years: **Margaret V. Winn**, electric plant clerk A, Roanoke. 35 Years: **Margaret G. Oxley**, classification clerk (LTD), Roanoke. 25 Years: **D. G. Harman**, transmission foreman, Bluefield. 10 Years: **R. L. Tucker**, station maintenance man A, Charleston. **T. W. Throckmorton**,

senior reproduction machine operator, Roanoke. **C. A. Presley**, engineering technologist, Bluefield. **Theda Graham**, general bookkeeper, Roanoke. 5 Years: **Linda Sullivan**, stenographer, Roanoke. **Dianna Kesler**, key entry operator, Roanoke. **Hazel Harman**, stenographer, Roanoke. **L. E. Gearhart**, operations engineer, Roanoke.

#### Huntington

5 Years: **E. L. Hornbuckle**, lineman **C. Sonseerhay Garnes**, customer accounts representative B.

#### Kingsport

15 Years: **C. W. Daugherty**, line foreman. 5 Years: **D. A. Conner**, auto repairman A.

#### Lynchburg

35 Years: **Agnes L. Dillard**, customer accounts representative C. 10 Years: **D. C. Winebarger, Jr.**, meterman C.

#### Pulaski

15 Years: **F. H. Anderson**, lineman A.

#### Roanoke

10 Years: **J. H. Crider**, reservoir groundskeeper senior. 5 Years: **G. S. Fisher**, tractor-trailer driver. **W. J. Bowling**, lineman C. **D. K. Sisson**, lineman C.

## WHAT'S IN A NAME?

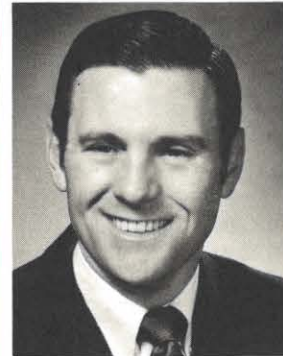
In Appalachian Power, a lineman now is a line mechanic, a meterman is a meter electrician, a maintenance man is a maintenance mechanic, a draftsman is a drafter and a utility man is a utility worker.

These are but a few of the new job titles which went into effect last month in line with the company's affirmative action program. The new job titles, adopted on an industry-wide basis, were taken basically from the Directory of Occupational Titles as established by the U. S. Labor Department, according to APCo Personnel Director O. P. Cornelison.

All titles which previously referred to "man" — rodman, foreman, troubleman, groundman, etc. — were affected by the changes.

Similar changes were made in all other AEP System companies.

## FRIENDS WE'LL MISS



**Jack Kenneth Butler**, 45, Huntington general serviceman, was killed when a bucket truck overturned while on a trouble call the night of August 8. A native of Summers County, West Virginia, he began his career in 1951 as a junior clerk in Huntington. Butler is survived by his widow, Helen Marie, and six children, 2604 Fourth Avenue, Huntington, W. Va.



**Harry C. Searls**, 60, retired boiler operator A at Cabin Creek Plant, died August 15. A native of Chelyan, West Virginia, he began his career at the plant in 1940 as a laborer and elected early disability retirement on May 1, 1963. Searls is survived by his widow Della, Southside, W. Va., and six children.

## STACKS COMING DOWN

The last of the four original brick stacks at Glen Lyn Plant are being torn down. The stacks, erected between 1919 and 1927, served the 13 boilers which are also being dismantled for scrap.

The first stack was removed following the completion of No. 6 unit in 1957, and the second stack was recently dismantled. The stacks are dismantled by breaking the bricks at the mortar joints and letting them fall down the center of the stack.

## JACK BUTLER, MAN AMONG MEN

(Editor's note: The following tribute to Jack Butler, whose obituary appears on this page, appeared in *The Advertiser*, Huntington, West Virginia. It was written by Lowell Cade, sports editor.)

The Jack Butler I knew was many things . . .

A devoted father, a loyal friend, a servant to youth sports, an excellent basketball official, organized, and very definite.

He worked hard and played hard, but he knew how to enjoy life and met it head-on . . . usually with a smile.

At Appalachian Power, where he worked for over 25 years, he was a general serviceman — a lineman. He wasn't one to talk about his job. He'd rather talk about sports. But you got the impression Jack was one of the company's top trouble shooters.

When the weather got stormy, and the rest of us were snug in our homes, the lineman's real work began. It was such a night Monday when Jack lost his life somewhere in Mason County, W. Va., off the smooth, mainstream of traffic.

He liked the tough jobs . . . even when he was playing.

As a baseball and softball player, Jack was a catcher — the only player on the field, other than the pitcher, who is involved in every play. And we all know the catcher's responsibilities are more demanding, physically, than any other on the field.

He could have been a good football official. He did umpire some baseball games. But Jack Butler was best known in the Huntington area, and the state, as a basketball official. Who would argue that basketball is not the most demanding to referee among the three?

Yet, this man was regarded by his peers as one of the best in the business. It was a labor of love . . . it had to be. Officiating ranks with the most thankless jobs in sports, yet we all agree that from youth leagues to the pros, the game always runs most smoothly when the men with the whistles best know their jobs. And, he was about to take on more responsibility in this field — officiating in the West Virginia Intercollegiate Conference.

A shirker does not accept the responsibilities of directing the City Little League Tournament, a position Jack held for 13 years, or director of the Huntington YMCA Buddy Basketball Invitational Tournament.

On more than one occasion, during City Tournament time, Butler would call *The Advertiser* sports desk with field assignments or some type of official ruling. That wasn't unusual. But, when you consider the fact that he was telephoning from some far outpost on Appalachian's line, and after being on an all-night assignment or worse, this wasn't your ordinary man.

Butler was a stickler for condition. If he wasn't working or playing or with his family, he was at the YMCA, which was part of his play. He was 45, but looked ten years younger.

Jack and Helen Butler have six children — three boys and three girls. But, there were always more. It was always open house at the Butlers.

Bud Perry, my right hand man, also was well acquainted with Jack.

"He was one of the most sincere men I've ever known," Bud said. "It was a pleasure to work with him. There was nothing Jack wouldn't do, or at least try to do, if he thought he was helping a kid somewhere.

"Jack had a general interest in all sports," Bud said, "but he was specifically concerned about the youth. His sons were excellent athletes, and he obviously was proud of them. But he was equally proud of the other, less talented kids. He was a man among men."

To the family, deepest sympathy. We, all of Huntington, will miss him, too.

## MORRISON CLOSSES 38-YEAR CAREER



**Marvin F. Morrison**, personnel supervisor at John E. Amos Plant, elected early retirement August 1.

A native of Milton, West Virginia, he holds an AB degree in business administration from Marshall University. He began his career in 1939 as a collector in Charleston. During World War II he served as a first sergeant in administration in the Army Infantry. Following military leave, he worked as a senior collector, senior payroll clerk and in other clerical jobs before being named office supervisor at Logan Plant in 1951. He was personnel supervisor at both Logan and Cabin Creek Plants before moving to Amos in 1970.

During his career, Marvin was a student in a number of courses on supervision, first aid and fire fighting and went on to become an instructor for other employees.

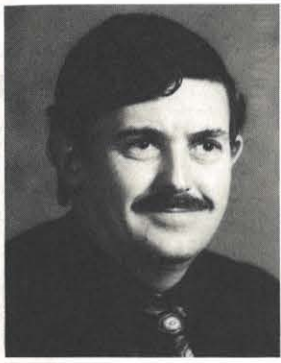
Marvin plans to play golf, take care of some jobs around his home in Kanawha City and "goof off" in general before he decides exactly what he wants to do.

Marvin, as a past president of the Kanawha City Lions Club, was instrumental in bringing the Blue Angels and other groups for air shows in Charleston.

Active in Masonic and Shrine activities, he is a member of the Beni Kedem Temple and is also a part-time farmer at the family homeplace in Milton.

Marvin and his wife Ilda, a former APCo employee, have two daughters.

# MOVING UP



**M. B. Pitches**, former engineering technician senior, was promoted to line inspector in the Fieldale area of Roanoke Division, effective August 1.



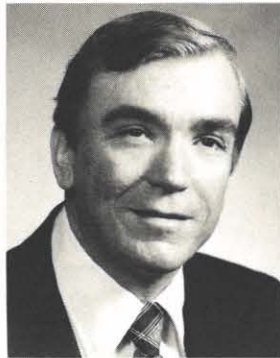
**John P. Montague**, former Roanoke Division line supervisor, was promoted to assistant superintendent of Abingdon Division, effective September 1. He will succeed R. M. Bondurant as Abingdon division superintendent upon Bondurant's retirement December 1. Montague holds a BS degree in electrical engineering from the University of Kentucky.



**William F. Valley**, former Roanoke Division station supervisor, was promoted to Roanoke Division line supervisor, effective September 1. Valley holds a BS degree in electrical engineering from Virginia Polytechnic Institute and State University.



**Edward C. Bradley**, former personnel supervisor at Kanawha River Plant, was promoted to personnel supervisor at John E. Amos Plant, effective August 1. He succeeds Marvin F. Morrison, who elected early retirement. Bradley holds a BS degree in business administration from Xavier University.



**David L. Kendrick, Jr.**, former Welch area superintendent in the Bluefield Division, was promoted to Beckley Division customer services manager, effective September 1. He succeeds J. D. Higgins, who earlier was named manager of Roanoke Division's Fieldale area. Kendrick holds a BS degree in business administration, with a minor in mechanical engineering, from Virginia Polytechnic Institute and State University. He has studied industrial engineering and electrical engineering through International Correspondence Schools.



**James Tobie Eaton**, former transmission engineer senior, was promoted to transmission staff engineer in the General Office T&D Transmission Section, Bluefield, effective August 1. He holds a BS degree in civil engineering from Virginia Polytechnic Institute and State University.



**R. C. Sult**, former purchasing assistant in General Office Purchasing, Roanoke, was promoted to purchasing supervisor for the AEP Fuel Supply Department, Lancaster, Ohio, effective August 1. He attended Emory and Henry College.



**J. R. Boulton**, former stationman B, was promoted to residential representative in Pulaski, effective August 1. He succeeds S. A. Dewey, who retired. Boulton attended Concord College, United Television Laboratory and has studied electrical engineering through International Correspondence Schools.



**Doris Young**, former customer services clerk A in Roanoke Division, was promoted to statistical analyst in GO Rates and Contracts, Roanoke, effective September 1.



**Edith Rusher**, former secretary, was promoted to the newly created position of staff assistant in GO Rates and Contracts, Roanoke, effective September 1.



**Robert S. Lutton**, former master maintenance man, was promoted to maintenance foreman at Philip Sporn Plant, effective August 1.



**Randall L. Davis**, former equipment operator, was promoted to unit foreman at Philip Sporn Plant, effective August 1. He succeeds H. A. Teaford, who retired. Davis has attended Rio Grande College.



**G. F. Shrader, Jr.**, former Galax area serviceman, was promoted to meter foreman NE in Pulaski, effective August 1. He succeeds A. S. Morgan, who retired.



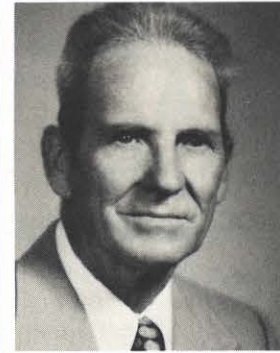
**S. L. Sisson**, former T&D clerk A in Hillsville, was promoted to right of way agent in Pulaski, effective August 1. He succeeds H. M. Jennings, who was promoted earlier. Sisson holds a BS degree in vocational agriculture from Virginia Polytechnic Institute and State University.



**Rufus Meade, Jr.**, former line foreman NE, was promoted to general foreman at Williamson in the Logan-Williamson Division, effective September 1. He succeeds Everette Carrico, who retired.



**Thomas W. Worstell**, former performance engineer, was promoted to performance supervising engineer at John E. Amos Plant, effective September 1. He succeeds Mason A. Vaughan, who resigned. Worstell holds a BS degree in chemical engineering from West Virginia Institute of Technology.



**Thomas M. Sandidge**, former stationman A, was promoted to station crew supervisor NE, Lynchburg, effective August 1. He succeeds G. E. Elder, who was promoted earlier.



**Roger L. Gowl**, former accounting staff assistant, was promoted to work order accounting supervisor in General Office Accounting, Roanoke, effective September 1. He succeeds M. G. Capasso, who retired. Gowl holds an AA degree in accounting from National Business College.

# STOOTS RETIRES EARLY



**Ivan Kenneth Stoots**, Pulaski line inspector, elected early retirement September 1.

A native of Wyoming County, West Virginia, he began his career in 1937 as a groundman. During his 40 years' service, he has worked as a field clerk, lineman, serviceman B, clerk intermediate, T&D clerk senior and stores attendant. Ivan served in the U. S. Navy during World War II.

He is a member of the First United Methodist Church and the Elks Lodge and is a past president of the Pulaski Civitan Club. His hobbies include amateur radio and motorcycling. Ivan and his wife Edythe have one child and two grandchildren.

# ARTHUR SMITH RETIRES



**Arthur R. Smith**, maintenance foreman at John E. Amos Plant, elected early retirement on September 1.

A native of Williamson, West Virginia, Arthur attended West Virginia Institute of Technology. He began his career as a laborer at Cabin Creek Plant in 1941 and held several positions before being promoted to maintenance foreman in 1963. He moved to the Amos Construction Department in 1970 and to Amos Operations in 1973.

Arthur repairs home appliances as a hobby. He and his wife have three sons and one daughter.

## HIGHWAY SIGNS INCREASE COST OF DOING BUSINESS



Employees at Marion in the Abingdon Division display some of the highway signs required. From left, J. J. White, line foreman NE; J. L. Weddle, area supervisor; B. A. Blevins, lineman B; and W. C. Ogle, Jr., lineman helper.

The purchase of highway signs required for utility operations conducted along public highways will cost Appalachian Power more than \$94,000, says Safety Director Rudy Wooten. This is another example of how company costs are escalating due to increasing governmental regulations.

In mid-1976, a committee composed of R. B. Kilgore, Pulaski; Ed Yeager, Huntington; F. P. Wilburn, Bluefield; R. C. Sult, formerly of General Office Purchasing; and A. L. Stebar, General Office General Services, was formed to study work area protection in the states of Virginia and West Virginia. The new signs are being ordered for APCo's nine divisions as a result of their recommendations.

In Abingdon Division, for example, 105 signs, red and orange flags, two sizes of traffic cones and rotating strobe lights for emergency vehicles have already been ordered.

Highway signs have been distributed among the five areas of Abingdon Division and crews will meet the requirements on two- and four-lane highways except limited access and interstate roads. The Virginia Department of Highways has agreed to loan the division signs to meet the work requirements along these highways.

## FIELDALE GIRLS USE BREAK TIME FOR CRAFTS



Displaying handicrafts they made on their coffee breaks are, seated l. to r., Virginia Metz, Frances Harville and Dot Via. Standing, Jo Ann Rakes, Donna Bennett and Elaine Wilkerson.

Coffee and cookies on breaks have been phased out by most of the girls in the Fieldale office and handicrafts have taken their place. Jo Ann Rakes, T&D clerk C; Virginia Metz, T&D clerk A; Frances Harville, customer accounts representative B; Dot Via, customer accounting supervisor; Donna Bennett, telephone operator; and Elaine Wilkerson, T&D clerk B, all agree: "We're working with our hands rather than with our mouths."

"We decided we would spend our few minutes during break doing something constructive instead of eating pastry, coffee, cokes and all those goodies that put on pounds and inches," says Jo Ann. "It all started a few years ago when Ann Browning, former home economist, began bringing in crewel work and needlepoint. It looked so interesting that before long she had us all doing it."

Virginia joined the other girls in self-defense. "No one would talk to me until I joined in," she laughs. "The real reason I didn't join in at first was because I didn't think I could do it." Being left-handed proved to be a handicap for her. "Just as I put the finishing touches on my first needlepoint project, I noticed the line for initial signing was slanted in the opposite direction from my work. All my stitches were running the wrong way."

Dot, who has five daughters, has made afghans as wedding gifts for three of them. "With two daughters left, I've still got a lot of stitches to go."

Elaine has made afghans for each of her three grandchildren. "There's a great deal of

time spent on making an afghan, and the last grandchild almost got here ahead of the one I was working with. It's slow going, but you'd be surprised how much cross-stitching can be accomplished on a short break."

Donna, who specializes in the latch hook rug, says it relieves tension. "For me, it does break the old routine and helps me relax. It saves money, too. If you tried to buy these items, you'd pay more, and I don't think they'd mean as much as making them yourself."

The girls do their own framing for the crewel and needlepoint. Jo Ann offers this tip for others who do this work and would like to do their own framing. "Most any store-bought frame will do. Stretch the completed craft and staple it to a board. Then wet it and let it dry for two to three days. Once it's completely dry, glue it to a cardboard and place in the frame."

## REPLACING FLOOD-DAMAGED METERS IS BIG TASK



Looking over some of the meters which were destroyed in the Williamson flood area, from left, R. G. Fraxier, C. T. Thompson and R. L. Sizemore, all metermen C.

Much money has been spent and many long hours worked in replacing equipment damaged in the April flooding which occurred in Logan-Williamson Division. While most of the work has been handled by that division's employees, certain specialized areas have been worked by employees of other divisions.

One such area is that of meter replacement. The Huntington Division meter shop not only handles its own meters but also those of Logan-Williamson and the Sprigg area of Kentucky Power Company. As a result of the flooding, the Huntington shop handled an additional 7,126 meters. This influx of work created new problems never before faced.

One obvious problem was storage. "New meters were coming in at such a rate we had a difficult time storing them in a safe and orderly manner," declares D. E. Straley, meterman A. "We had to create space where there was none. But we managed to get them all in and processed."

Improvised testing areas were set up, using equipment normally used in the field. This required planning and a small amount of construction. R. L. Sizemore, meterman C, says, "We were able to come up with a couple of extra testing areas which were very much needed since all meters must be tested prior to being installed in the field."

L. H. Linthicum, meterman A, relates the story behind an effort to salvage the mechanical demand registers. "We tried washing them thoroughly and then baking them in an oven until they were completely dry. Even after all that, when they were examined in Charleston under a microscope, traces of mud and silt were found in the mechanisms and they will probably have to be scrapped."

Regular runs between Huntington and the flood area were made to keep the new meters flowing. During one of these runs, Straley and C. T. Thompson, meterman C, spotted a house on fire. Because the frequencies used by the Huntington and Logan-Williamson Divisions were not the same, radio contact was impossible. The two men flagged down a national guard vehicle to relay the problem and secure the necessary forces. Thompson notes, "The house was still intact on our next trip through, so I guess they got there in time!"

Paperwork was another problem. C. E. Hoschar, head T&D clerk, and Albert Lewis, T&D clerk senior, admit they had their hands full. Hoschar says, "One of the biggest problems was making sure one meter was not installed two places or two meters on the same location. This only happened on paper, and we got them all straightened out, but it was confusing at times." Lewis points out, "Many of the meters just disappeared in the flood. We could have meters halfway to the Gulf of Mexico by now."

D. R. Haddox, meter supervisor, adds, "The men and women of the Huntington Meter Section did an excellent job. They were called on to perform above their normal work load and in a time of stress. Through their efforts, we hope a more normal way of life can be achieved in the flood area in a little less time."

## YOU START WITH HONEYSUCKLE



If you stop by Junie Johnson's side porch and see all the fancy baskets, you might think her husband Harold gives her an unlimited expense account. Harold is assistant shift operating engineer at Clinch River Plant.

Then you look under the table and see rolled up wads of boiled and unboiled honeysuckle vines. Add to those clues several books on basketmaking, and you slowly get the right idea that Junie is the craftsman.

The only trouble is that Junie has to fit time like a jig-saw puzzle to find free minutes to make the honeysuckle baskets.

For there's also patchwork quilting, ceramics, painting and restoration work on the old Courthouse at Dickensonville to be done. Add to these activities her membership in several craft guilds in southwest Virginia, her appointment to the Virginia Arts and Humanities Commission and her once a week bowling league in Bristol, and you have one busy lady.

While she has long been active in 4-H craft work, the basketmaking is a fairly recent sideline. Nonetheless, she was scheduled to instruct a Southwest Virginia Community College sponsored class at Dickensonville on the honeysuckle conversion. "We only had eight ladies show up," the mother of two said sadly. "The college requires ten, so we had to call it off. I had bought some supplies and gathered some raw materials, and I was all set to learn with them."

Junie is modest. The several baskets on her side porch are obvious indications of her skill at fingering the "spokes" and "weavers" into finished products. To explain, spokes are usually reeds and weavers are usually boiled honeysuckle vines. "The flowers are only good for smelling," she said.

Photo and story courtesy *Bluefield Daily Telegraph*

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## DON'T BE A HOT DOG

When Bob Heil, chemist at Kanawha River Plant, prepared hot dogs at work recently, he wasn't demonstrating a tasty new recipe. Through demonstrations to Kanawha's employees, Bob was trying to make them aware of the hazards involved in wearing synthetic clothes.

Bob purchased fabric of 100% polyester, 100% nylon, 65% polyester and 35% cotton, 50% cotton and 50% polyester, 100% cotton and 100% wool. Samples of each fabric were wrapped around six weiners, attached to nails supported from wooden bases. Pipe cleaners in the weiners served as arms.

Bob then set the clothing on fire. After each burned, employees were able to observe for themselves the effect each different material had on the skin of the weiners.

Most of today's clothing is made from synthetic fibers. Rayon is one of the prime blending fibers with polyester in permanent press wear. Rayon accepts flame easily, may flash up, and is difficult to extinguish. It gives off acetate type flashes and melts and drips. The ends curl up into a gummy ball which turns into a hard residue. The drippings cause deep skin burns. Nylon melts very slowly and drips, and it will also cause deep skin burns. Some plastic-coated fabrics accept flame slowly, but they burn quickly and can burn beyond control in a matter of seconds.

Wool is similar to human hair in general composition. Woolen fibers and those woven into fabrics will not burn but they do char. This is why the steel industry recommends their employees wear woolen clothing. Cotton in its pure form and in blends is the principal clothing fiber of the five continents of the world. Cotton can be sterilized by boiling temperatures without disintegration, but it will burn when subject to flame.



Nancy Wallace, daughter of D. R. Wallace, Philip Sporn Plant unit foreman, was first place winner in the junior division among majorettes attending Camp Crescendo at Rio Grande College. She was presented a bouquet of red carnations and a trophy. Nancy has studied baton and dancing eight years and will be a majorette at Meigs High this fall.

## CHUMBLEY RETIRES TO THE GOOD LIFE



George Chumbley is so fond of ham biscuits that the Pulaski Engineering Section presented him a pig and a can of biscuits as a retirement gift. From left, Chumbley and Draftsman F. G. Fowler, Jr.

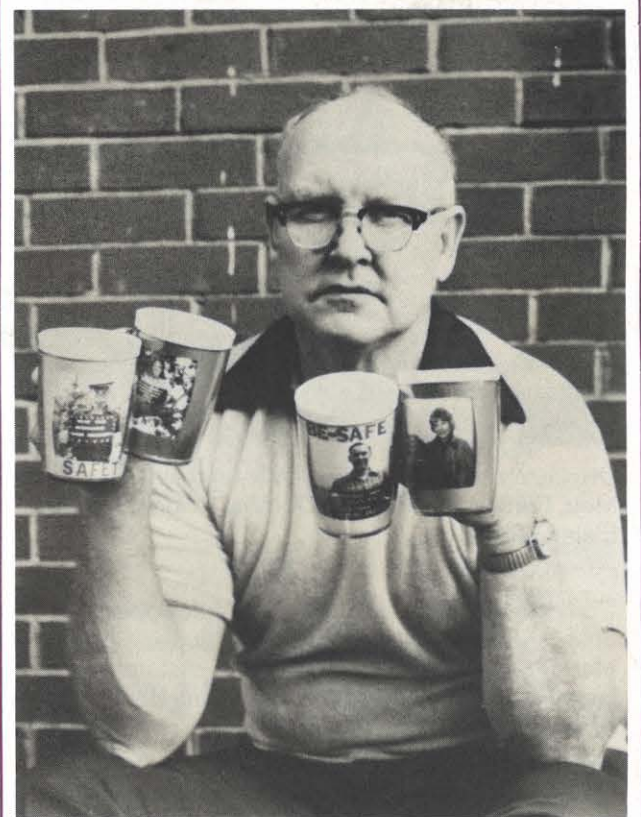
George Burton Chumbley, Pulaski T&D clerk A, took early disability retirement September 1.

A native of Pulaski, Virginia, he began his career in 1945 as a rodman and advanced through the positions of transitman, district instrument man, junior T&D clerk and T&D clerk senior.

George served with the U. S. Army during World War II in the European Theatre. He was with the First Infantry Division in the first wave to hit shore on D-Day and fought in four major campaigns — Normandy, Northern France, Rhineland and Ardeenes. He received the Distinguished Unit Badge with Presidential Citation, Bronze Arrowhead and the Purple Heart.

George's hobbies include collecting antiques and woodworking. He and his wife Thelma have three children and two grandchildren.

## LIVELY'S MUGS ARE FEATURED IN SAFETY NEWS



Whether on or off the job, employees at Kanawha River Plant are reminded of safety every time they use their personalized coffee mugs. Ray Lively, operations supervisor, photographs employees holding a safety placard, and the color photos are then placed in transparent coffee mugs.

His personalized coffee mug idea was featured in the April issue of *National Safety News*.

Ray has also made pictures of the office girls holding safety placards and put them on calendars throughout the plant.