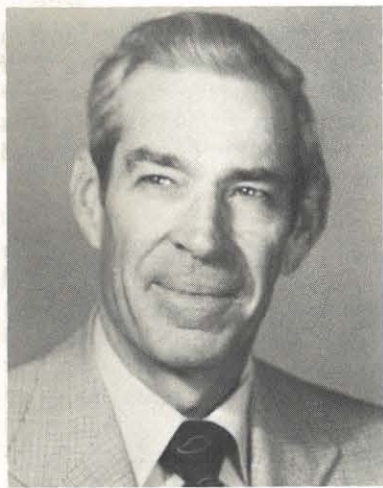


the ILLUMINATOR

PUBLISHED FOR THE EMPLOYEES OF APPALACHIAN POWER COMPANY • KENTUCKY POWER COMPANY • KINGSPORT POWER COMPANY • OF THE AMERICAN ELECTRIC POWER SYSTEM
Vol. XXVIII, No. 5, February, 1977



Bell



Kepner

Bell heads fuel supply transportation; Kepner named executive assistant

William G. Bell, Jr., executive assistant to the executive vice president of Appalachian Power Company, became head of transportation operations for the American Electric Power Service Corporation's fuel supply department at Lancaster, Ohio, on February 1. Jack W. Kepner, APCo system operations manager, succeeded Bell as executive assistant.

In his new position, Bell will direct the AEP System's river barge and railroad transportation activities, including Cook Coal Terminal at Metropolis, Illinois.

A native of Washington, D. C., Bell graduated from Virginia Polytechnic Institute and State University and joined the AEP

Service Corporation in 1950 as an incremental studies engineer. He worked at Ohio Power Company's Philo and Muskingum River Plants and again for the Service Corporation before transferring to Appalachian's Glen Lyn Plant in 1957. He was plant manager there when he was promoted to executive assistant in the General Office headquarters, Roanoke, in 1966.

Kepner, a native of Sistersville, West Virginia, is a graduate of West Virginia University. He began his career as an electrical engineer at Cabin Creek Plant in 1939 and was named assistant superintendent of operations for Appalachian in 1950. He was promoted to operations superintendent in 1962.

Demonstration plant under study to test new coal burning techniques

American Electric Power has joined with two European companies in a research and development project that could lead to improved techniques for burning coal while controlling emission of gaseous pollutants.

AEP, STAL-Laval Turbine AB of Sweden and Babcock & Wilcox, Ltd. of Britain are studying the feasibility of building a full-scale demonstration plant to test a technique called pressurized fluidized bed combustion. The plant would have a generating capacity of about 64,000 kilowatts and would be built somewhere on the AEP System. A decision on whether or not, and where, to build should be made by June.

Pressurized fluidized bed combustion has been under study in Britain since the early 1960's, and some test projects are in operation in the United States. One plant in England has been working since 1968, with encouraging results. The process calls for the burning of coal at high pressure in a bed of inert material, such as limestone. The limestone would absorb the sulfur in the coal as it burns, rendering the waste gases almost

free of sulfur dioxide. The system has five principal advantages:

1. The capability of using all types of coal, including the high-sulfur coal found in the AEP service area;
2. Higher power-generating efficiency than in conventional power plants, achieved through a combined cycle in which the combustor serves as both gas-turbine combustion chamber and super-charged steam boiler, thereby reducing requirements for coal;
3. Lowered gaseous emissions well within environmental requirements;
4. Smaller plant size, permitting shop fabrication of combustors; and
5. Elimination of the need to install costly, complex and power-consuming gas-scrubbing facilities.

STAL-Laval, which would provide a modified industrial gas-turbine for the project, is a member of the ASEA group of manufacturing companies in Sweden. AEP and (Continued on page 3)

"Winter of the century" wreaks havoc; demands for electricity unprecedented

One of the worst winters ever to hit the United States is wreaking economic and physical havoc in the eastern two-thirds of the nation. Record-breaking cold, ice and snows across the service areas of the AEP System companies during January brought unprecedented demands for electricity from our customers along with severe working conditions for many of our employees.

The System's capacity was tight several days but, fortunately, our companies were not forced to make cutbacks in service. Twice last month AEP System peaks were set, the latest was 12,214,000 kilowatts on January 17. That same day, Appalachian Power hit a peak demand of 4,329,000 kilowatts and Kentucky Power 727,000 kw.

As January wore on and sub-zero temperatures became commonplace, industrial cutbacks caused by reduced gas supplies kept electrical load at a lower level, or further peaks might well have been reached.

The System's generating performance was all the more notable since frozen coal piles and frozen equipment made it difficult to keep the plants operating. At some plants, conveyor belts had to be turned off at times so Coal Handling employees could free frozen coal by using picks and shovels.

On the rivers, problems which could have had serious consequences were met and coped with. The Ohio and Kanawha Rivers, frozen from bank to bank, blocked most AEP System coal barge traffic from Cook Coal Terminal eastward. Captain Bill Newman reported that the surface of the river refroze as soon as the original ice was broken. He said that deckhands had to burn fires to thaw dock ratchets, and could only work on the deck for an hour or so, where tempera-

Cedar Coal wins reclamation award

Cedar Coal Company was one of 12 companies which received awards from the West Virginia Department of Natural Resources for their strip mine reclamation work. The awards were presented by outgoing DNR director Ira Latimer, Jr., who said they were given to firms "who do outstanding work beyond the requirements of the law".

Cedar Coal Company's award was for overall reclamation work and for exhibiting particular attention to concurrent regrading, revegetation and drainage control.

tures, with the wind-chill factor thrown in, reached minus 45 degrees, and 18 inches of ice hung on the sides of barges. It was under conditions such as these that a "rescue" operation was arranged to deliver coal to I&M's Tanners Creek Plant, which had less than 30 days supply of coal (about half the System average). After several delays, it got under way from the Huntington area at noon January 28. By January 31 it was stuck fast in the ice, near Portsmouth, Ohio, unable to move, and awaiting the arrival of another System towboat to act as icebreaker.

In distribution, the System experienced a remarkably small number of outages. Hard work by line crews kept them localized and most were limited in time and place. Causes ranged from insulator failure to overload conditions in some areas.

The Governors of Virginia, Ohio and Indiana declared energy emergencies and ordered strict conservation measures. And the Governors of Ohio and Indiana ordered industry to ignore federal pollution regulations and burn high-sulphur oil and coal, despite the possibility of fines.

Thanks to all of you

Our ability to meet customers' demands during the recent period of extreme cold weather was due in large measure to the dedication of employees who worked long hours under adverse conditions.

During these past several weeks, plant personnel have been faced with many problems, such as frozen coal and frozen equipment. And in divisions, where some outages occurred, employees worked diligently in sub-zero weather to restore service as quickly as possible. As a result, Appalachian, unlike many other utilities, was not forced to make cutbacks in service to customers.

Appalachian employees have always responded selflessly in times of trouble and these past weeks have been no exception. I am sure that you can appreciate that the welfare of the company and each of us as employees is dependent, in large measure, on doing everything possible to render courteous, top-flight service to our customers in every instance. Your continued efforts have contributed much in this regard.

May I express my sincere appreciation to each of you for your performance and co-operation particularly during the past month in helping to keep our supply of electricity dependable and for working safely under these unusual circumstances.

John W. Vaughan
Executive Vice President

Residential customers offered two plans to make bill paying easier

Because of the bitterly cold weather across our System, customers are using unprecedented amounts of electricity. Fortunately, our companies have been able to meet the demands. But, as a result, many customers are seeing significant increases in their electric bills.

Recognizing that these higher bills may add to the strain on families' budgets, Appalachian, Kentucky and Kingsport Power Companies on February 1 announced two payment plans being offered to all residential customers to help make it easier for them to pay these higher bills.

One of the plans offered is a 12-month Equal Payment Plan. Under this plan, the company will estimate the total cost of a customer's electric service for one year and divide the total into

equal monthly payments. The customer would pay a fixed equal payment for 11 months and settle up in the 12th month. Depending on actual usage, the customer would either pay the balance due or receive a check or credit for any overpayment.

The other plan is one devised especially for the cold weather emergency. The company would estimate a customer's usage for the high use months of January, February and March, add it to the estimated lower April, May and June usage and set up an equal payment plan for that period. Any difference in the total amount paid through this special plan and the amount due for the period based upon actual usage will be credited or become due in July.

There is no finance charge for either plan.

AEP earnings up 23.2% last year but subject to rate case decisions

In a year-end letter to American Electric Power Company shareholders, Chairman W. S. White, Jr. reported net earnings of \$241.7 million, 23.2% over the 1975 restated earnings of \$196.3 million.

He pointed out, however, that the earnings — as well as earnings per share and operating revenues — for both years were subject to the final resolution of pending rate proceedings which had permitted certain AEP System operating companies to collect a portion of their revenues subject to refund.

On a per-share basis, the 1976 net was \$2.66, compared with \$2.44 (restated) for 1975. However, at the same time the average number of shares of common stock outstanding rose 13.2%, from 80.4-million to 91-million.

Steenland elected vp-administrative services, Vipperman deputy controller

Peter R. Steenland last month was elected vice president - administrative services of the AEP Service Corporation, and Joseph H. Vipperman was elected deputy controller. Steenland had been vice president - fuel procurement in the Fuel Supply Department; Vipperman had been assistant controller.

Chairman W. S. White, Jr., in announcing the changes, said that, effective February 1, the administrative services function and the Computer Applications Division would report to Vice Chairman Richard E. Disbrow, controller. Both previously had reported to Vice Chairman H. B. Cohn, chief administrative officer.

At the same time, Vipperman assumed responsibility for the day-to-day operation of the controllership function.

Chairman White also reported 1976 operating revenues of \$1.87 billion, compared with \$1.64 billion (restated) the year before, an increase of 14.1%. The use of electric energy rose 11.8%, he said, from 75.9-billion to 84.9-billion kilowatthours.

He explained that the revenues that were collected subject to possible refund represented the equivalents of \$51.2 million in net earnings in 1976 and of \$18.5 million in 1975. In terms of earnings-per-share, the amounts were the equivalents of 56¢ in 1976 and 23¢ in 1975.

AEP paid \$2.01½ in cash dividends on the stock in 1976, against \$2 in 1975. The dividend was paid for the 67th consecutive year and was increased for the 24th consecutive year.



Vipperman

Steenland

Chairman White explained that the moves were being made as part of a continuing program of management transition. Steenland's responsibilities, he said, would be System-wide in nature and include office and service buildings, as well as administrative services, in the Service Corporation's New York headquarters. Frank Herzich, assistant vice president - administrative services for the New York office, continues in that capacity, reporting to Steenland.



Gillock

Gillock heads APCo operations

Gene M. Gillock was promoted to system operations manager of Appalachian Power Company on February 1. He succeeds Jack W. Kepner, whose promotion is reported on page 1 of this issue. Gillock rises to the position from that of operations engineering supervisor.

Gillock joined the company in June, 1959 as system operating engineer in General Office Operations, Roanoke, and a month later went to Switchback, West Virginia, in the same position. He returned to Roanoke in 1962 and was system assistant chief operating coordinator and system chief operating coordinator before being named operations engineering supervisor in 1968.

A native of Roanoke, Gillock is an electrical engineering graduate of Virginia Polytechnic Institute and State University and attended both the American Electric Power System Management Training Program and the Advanced Management Training Program at the University of Michigan.

AEP education awards expanded

Both the number and the dollar amount of AEP System Educational Awards have been increased, W. S. White, Jr., chairman of American Electric Power and president of our companies, announced last month.

The awards, granted to winners of a competition among college-bound children of System employees, are made in two parts. The payment for the freshman year has been increased from \$1,500 to \$2,000; the payment for the sophomore year remains at \$1,000. In addition, the number of awards that will be made System-wide has gone up from 32 to 33.

The Educational Award Program started in 1955 with one prize of \$500, and since then has resulted in a total of 452 awards amounting to \$554,400. Winners of this year's competition, who will receive the newly increased award, will be announced in March.

AEP forecasts \$795 million for construction in 1977

The American Electric Power System expects to invest up to \$795 million in capital construction during 1977, a significant increase over the estimated \$578 million spent last year.

As usual, the biggest portion of the expenditure will go to power generation — \$343 million — and for environmental protection work at existing power plants — \$220 million, a total of \$563 million for power plants.

The total for plants includes amounts already committed and yet to be committed for Indiana & Michigan Electric Company's new 2.6-million-kilowatt plant near Rockport, Indiana, and Appalachian Power Company's new 1.3-million-kilowatt plant at New Haven, West Virginia. Both are coal-fired. The amounts actually expended at both locations this year, however, will be contingent on the availability of necessary financing.

The other major power station project in progress is Unit 2 of I&M's Donald C. Cook Nuclear Plant in Michigan. This 1,100,000-kw unit is scheduled for completion in 1978.

The record \$220 million budgeted for environmental facilities at the System's existing power plants includes the back-fitting of electrostatic precipitator installations in various stages of completion on 19 units at eight plants. This expenditure represents almost 28% of the total budget.

Transmission and distribution work would account for \$170 million of the budget. Fuel supply development will be \$37 million. All other construction accounts for the remaining \$25 million.

The figures, estimated for last year and projected for this year, are:

	1976	1977
Power Plant:		
Generation	\$147,000,000	\$343,000,000
Environmental	176,000,000	220,000,000
Transmission	70,000,000	80,000,000
Distribution	72,000,000	90,000,000
Fuel Supply	106,000,000	37,000,000
All Other	7,000,000	25,000,000
	<u>\$578,000,000</u>	<u>\$795,000,000</u>

A breakdown of Appalachian Power Company's construction budget follows. These figures are

estimated for last year and projected for this year.

	1976	1977
Generation-related	\$ 32,900,000	\$154,800,000
Environmental	53,200,000	48,000,000
Transmission	14,300,000	35,050,000
Distribution	28,500,000	40,000,000
Coal	500,000	—
All other	700,000	3,200,000
	<u>\$130,100,000</u>	<u>\$281,050,000</u>

AEP, GE, Westinghouse settle two major litigation cases

The American Electric Power System and the nation's two manufacturers of large turbine-generators in recent weeks settled two major cases of litigation among them.

One was an antitrust action filed against General Electric Company and Westinghouse Electric Corporation in 1971; the other, a lawsuit involving the Westinghouse turbine-generator at Ohio Power Company's Mitchell Plant Unit 1, filed in 1974. Both cases had been filed in the U. S. District Court in New York.

Plaintiffs in the antitrust suit were four AEP System companies: Appalachian Power, Indiana & Michigan Power (subsidiary of Indiana & Michigan Electric), Kentucky Power and Ohio Power Companies, which in turn became defendants in an antitrust counter-suit. Plaintiffs in the Mitchell case were four AEP System operating companies:

Appalachian Power, I&M Electric, Kentucky Power and Ohio Power.

Antitrust Suit

The four AEP companies, in filing their antitrust suit against GE and Westinghouse, had alleged a conspiracy between them to eliminate price competition and to monopolize the manufacture of large turbine-generators. In turn, the two counter-sued the four utilities, alleging their conspiracy to, among other things, monopolize and restrain trade in the purchase and sale of electric energy.

The AEP-Westinghouse settlement, which also included the Mitchell matter, came on January 14; the AEP-GE settlement, on February 2. Under terms of the antitrust settlements, GE and Westinghouse reimbursed the AEP companies for their costs and expenses of litigation. The settlements are now contingent (Continued on page 3)

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Two-year series of improvements in benefits announced

A two-year series of improvements in American Electric Power System's employee benefits program, aiming at almost complete company financing, was announced to all employees last month. Many of the improvements began on January 1, 1977.

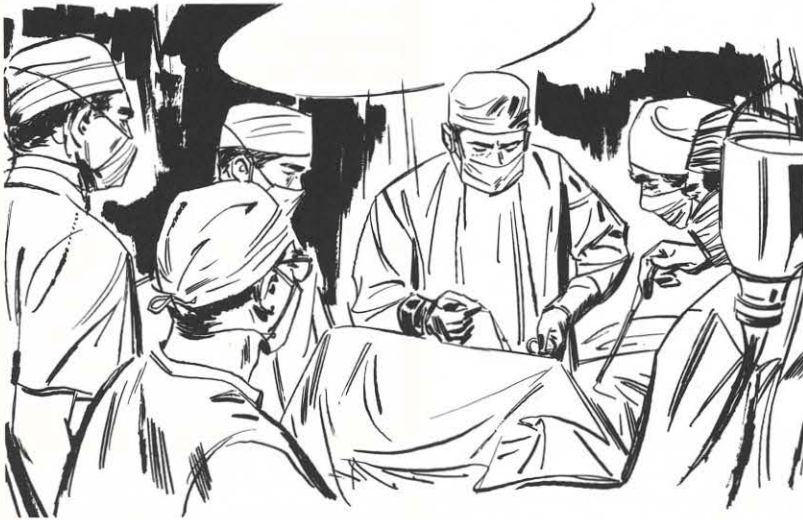
W. S. White, Jr., chairman of the AEP Service Corporation and president of our companies, said that the improvements are being made to bring the System's benefits program "into the top, where we belong", and that they were a result of the "continual evaluation of all of our employee programs".

Here is a plan-by-plan summary of the changes, with special emphasis on the changes to take place in 1977.

Medical Plan

As of January 1, 1977, the Medical Plan will pay 100 per cent of the first \$1,500 of all hospital semi-private covered charges, including room and board, x-rays and lab fees, incurred as a result of non-occupational accident or illness in any calendar year. The Plan will pay 80 per cent of all expenses over \$1,500, until the employee's portion of the cost reaches \$1,000 for any covered person in a calendar year. After that "stop-loss" feature becomes operative, the Plan will pay 100 per cent of all covered charges for the remainder of that calendar year and all of the following calendar year. The employee's share of the cost will consist of the \$50 deductible and his share (20 per cent) of the charges over \$1,500 for any one person. The Plan had previously paid 100 per cent of the first \$1,000 of room and board charges only and 80 per cent of the rest of covered charges.

Some other features of the Plan remain unchanged: emergency treatment will still be reimbursed at 100 per cent, and out-patient treatment of mental and nervous disorders will continue to be reimbursed at 50 per cent. Maternity benefits will remain un-



changed, that is, paid at an 80 per cent rate.

The Company will continue to pay the cost of medical coverage for the employee. Employees with dependents may contribute \$3 per month for one dependent and \$5 per month for coverage for two or more dependents.

In 1978, the cut-off point for payment of 100 per cent of charges for hospitalization will increase from \$1,500 to \$2,000. At the same time, contributions for dependents will be increased from \$3 and \$5 to \$7 and \$11. That premium charge will represent only about 25 per cent of the cost of dependent coverage; the balance will be paid by the company. In January, 1979 the 100 per cent of hospital charges reimbursed will go from \$2,000 to \$2,500. In 1979, too, the premium charge for dependent coverage will be 25 per cent of the actual billed premium charge by the insurance carrier.

Retirement Plan

As of January 1, employee contributions were cut by about half. They had been 2 per cent of the first \$15,300 of regular annual earnings and 5 per cent of the excess, but now are 1 per cent of the first \$16,500 and 2.5 per cent of the excess. The change in the base figure reflects 1977 changes in the Social Security base.

Employee contributions will be discontinued entirely beginning

January 1, 1978. Contributions made to the Plan prior to that date will be kept in the Retirement Trust to maintain accrued pensions. Also beginning in 1978, the future service benefit formula will be calculated on a "final average pay" formula based on 1.5 per cent times regular annual earnings times years and months of accredited service earned after that date. The pension plan will be integrated with primary Social Security benefits.

Long-Term Disability Plan

On January 1, this Plan was improved to provide a minimum Long-Term Disability payment of \$50 per month per employee, regardless of the amount of other income such as Social Security or Workmen's Compensation. In 1978, there will be additional changes to adapt the LTD Plan Pension Supplement Benefit to the improved Retirement Plan.

Savings Plan

On January 1, 1978, in a major addition to the benefit program, the Company plans to establish a Voluntary Employee Savings Plan. Eligible employees —

those over 20 years and with at least one year of service — will be able to contribute from 1 to 10 per cent of the regular paycheck through payroll deduction. On all employee contributions up to and including 6 per cent, the company will contribute 50 cents for each employee's dollar. Again there will be more information on this benefit later in the year.

Group Life Insurance

In 1979, basic life insurance equal to a year's regular salary will be offered to all active employees, exempt and non-exempt, at no charge. Additional coverage equal to a year's regular salary may be purchased at 60¢ per \$1,000. Employees retiring after December 31, 1978, will contribute a flat 60¢ per \$1,000 coverage continued into retirement.

Sick Leave Plan

A new accrual plan is being established, to be uniformly applied across the AEP System, with full details to come later. At the time it becomes effective, there will be a new open enrollment period for the Long-Term Disability Plan.

Demonstration

(Continued from page 1)

ASEA have a long history of joint efforts in research and development, particularly in ultra-high-voltage transmission.

British Babcock, which would supply the combustors, is Britain's major supplier of utility boilers. It installed the world's largest fluidized combustion boiler, which has been in successful operation for more than 18 months.



Cornelison

Cornelison named personnel director

O. P. Cornelison, former assistant personnel director, was promoted to personnel director for Appalachian Power Company on February 1. He succeeds C. A. Simmons, who has been selected to attend the Massachusetts Institute of Technology Program for Senior Executives.

Cornelison attended the University of Kentucky and is a graduate of Eastern Kentucky University. He has also attended the AEP Management Development Course at the University of Michigan. Cornelison began his career with Appalachian in 1948 as personnel supervisor of the old Williamson District. He transferred to Roanoke in 1954 as personnel supervisor in the General Office T&D Department and was promoted to General Office personnel supervisor in 1968. He became assistant personnel director of Appalachian on January 1, 1976.

54% of dividend not taxable

American Electric Power Company paid a total cash dividend of \$2.01½ per share of common stock in 1976. In a mailing to the shareowners dated January 28, the company informed them that an estimated **54 per cent** of the dividend was not taxable as dividend income for Federal income tax purposes.

The notice pointed out that the estimate, while preliminary, was suitable for purposes of preparing Federal income tax returns for 1976. It also pointed out that a more exact determination would be made and submitted to the Internal Revenue Service for approval when AEP files its 1976 Federal income tax return next September. In the event that IRS review of the return should result in a final determination significantly different from the estimated percentage of 54 per cent, the shareowners would be advised.

At the same time, AEP also notified shareowners that the non-taxable portion of the 1975 dividend of \$2 per share had been slightly revised, from the preliminary estimate 69 per cent to an IRS-accepted 70.31 per cent, which remains subject to change until final IRS audit.

Litigation (Continued from page 2)

upon approval by the U. S. District Court in Philadelphia of a modified consent decree agreed to by GE, Westinghouse and the U. S. Department of Justice in December. Under that decree, the two manufacturers agreed to make substantial changes in their methods of pricing turbine-generators, which had prompted the AEP suit in 1971.

Mitchell Suit

The second suit involved the alleged failure of the Westinghouse turbine-generator at Mitchell Plant (Unit 1) to meet its operating specifications and warranties. This machine, rated by the manufacturer at 800,000 kw, has been operated by Ohio

Power at 660,000 kw. The plaintiffs sought damages of at least \$75 million from Westinghouse; the defendant, in turn, asked the court for a summary judgment in its favor, which the court denied.

Each party agreed that the settlement did not represent an admission of liability. Terms of the settlement included a cash payment by Westinghouse; the furnishing of certain major turbine-generator components by Westinghouse, and modification to, and an additional warranty for, the turbine-generator. Payment for such new components is essentially contingent upon performance of the turbine-generator in accordance with the new warranty.

"New Year will require our best efforts": White

To all employees:

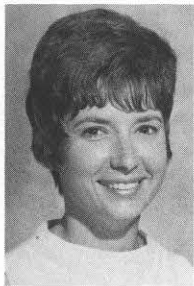
The nation's bicentennial and our 70th year has now passed into history. 1976 was not an easy year. We experienced some disappointments. Yet, when all is considered, it was another year of solid accomplishment for the AEP System. We produced and delivered more electric energy than ever before, by a substantial margin, for the use and benefit of the more than 6-million citizens we serve. We did this more reliably and with generally lower prices than are available from any other source in the states we are privileged to serve. We can all take some satisfaction in this, for that accomplishment belongs to all our employees who through their efforts helped to make it possible. I want each of you to know that I appreciate your efforts and your help during 1976.

Much remains to be done in the New Year — 1977. While there will be new opportunities, we will also face some new problems. We will also continue to struggle with some of the same old problems we faced last year — in particular, the problems of increased costs in all parts of our business. The New Year will require the best efforts of all of us in the System. Based on past experience, I know that I can depend on all employees for a continued high-level performance as we begin another New Year.

Chairman

PEOPLE IN THE SPOTLIGHT

CHARLESTON



Wisler

Carol Sue Wisler, daughter of the late Carl T. Older, was selected as one of the "Outstanding Young Women of America" for 1976. She has taught the gifted program to grade 1-6 at Surfside Elementary School, served on the board of Officers Wives Club at Patrick Air Force Base, was editor of Countdown magazine of the Patrick OWC, and attended Florida Technological University working toward certification as media specialist. She has an AB and master's degree in elementary education from West Virginia University. Carol is the wife of Major W. D. Wisler and has one son.

J. R. Skelton, son of Jack Skelton, area T&D clerk, received his doctor of dentistry degree from West Virginia University and will set up practice in St. Albans.

Eva Martin, wife of retiree Ben Martin, was nominated as Santa Claus in a recent article in the *Charleston Daily Mail*. She was cited for raising a foster son and working with local hospitals, testing babies' hearing.

Sue Pryce, personnel clerk senior, was appointed corresponding secretary of the women's committee of the Charleston Symphony.



Dwayne Moore, son of W. F. Moore, operations information supervisor for General Office Operations, Roanoke, was selected "ranger of the year" for the Appalachian District of The Royal Rangers. He competed with approximately 100 boys for the honor. The Royal Rangers, a character building organization for boys, is sponsored by the Assemblies of God churches throughout the United States and 38 foreign countries. In this picture, Dwayne is presented a plaque by his senior commander, C. E. Salmon, Jr. The plaque, which distinguishes Dwayne as being the first of his outpost to achieve a master rating in the pioneer classification, was placed in the Faith Assembly of God Church which sponsors Outpost 15.

CABIN CREEK

Hardia Ellis, master maintenance man, played Santa Claus for the Marmet Rebecca Lodge No. 13 during December. His wife **Marian** is secretary of the Lodge.

GENERAL OFFICE

Judge Lawrence L. Koontz, Jr., was sworn in as circuit court judge for Roanoke, Salem and Roanoke County. He is the son of L. L. Koontz, retired residential supervisor in GO Customer Services, Roanoke.

David Harman, son of D. G. Harman, transmission foreman in GO T&D Transmission Line Section, Bluefield, has been selected for inclusion in "Who's Who Among Students In American Universities And Colleges". A senior on the BRe-m program at Piedmont Bible College, he is a member of the Piedmont Missions Fellowship, school chorale, chapel choir and class social committee, student council representative and Christian service advisor. He spent the summer of 1975 in Peru, South America, under Baptist Mid-Missions.

Roanoke's Salvation Army was the recipient of \$65 from employees in the **General Office Real Estate and Right of Way Department** during the recent holiday season. The donation was in lieu of the employees exchanging Christmas cards.

Roger L. Gowl, accounting staff assistant, GO Accounting, Roanoke, was re-elected moderator for Ghent Brethren Church. He is also a deacon.



John H. Porter, Lynchburg stationman A, reads the invitation he received to the inauguration of Jimmy Carter as the 39th president of the United States. He says, "It was a real shock when I opened the mail. I did some work for Carter but never thought I would get an invitation to the inauguration. The weather was so bad I didn't go, but it was an honor to be invited."

ABINGDON



Rasnick



Fullen

Sandy Rasnick, daughter of J. O. Rasnick, stationman A, was crowned homecoming queen at Bluefield Baptist College, Bluefield, Va. She was escorted by **Paul Sutphin**, son of J. P. Sutphin, station maintenance man A, GO T&D Station, Bluefield.

Betty Fullen, daughter of Fred Fullen, was first runner-up in the annual Miss Patrick Henry contest, which attracted 50 entrants from grades 8 through 12 at Patrick Henry High. Betty is an eighth grade student.

L. G. Smith, retired division stores supervisor, was installed as treasurer of the Abingdon Masonic Lodge No. 48 A.F. & A.M.

D. C. Landreth, engineer B, was named to the Energy Conservation Committee at Abingdon High School by the Washington County School Board.

C. M. Wagner, Jr., residential representative senior, was elected president of the John Wesley Bible Class at Abingdon United Methodist Church.

KINGSPORT

Bob Stewart, meterman A, was elected president of the Kingsport Bass Club.

Woodrow Smith, accounting supervisor, is treasurer of the 1977 Kingsport Preaching Mission.

Wayne Mullins, lineman A, was appointed public relations representative of the Kingsport Bass Club.

BLUEFIELD

Paul Sutphin, son of Jim Sutphin, GO station maintenance man A, tied a West Virginia weight-lifting record. Paul had a point total of 1280 in the Mountain Empire Open Power Lifting Championships at Bristol, Tennessee, in December, winning the 165-pound division. Also winning the outstanding lifter award in the tourney, Paul had 460 points in the squat position, 310 on the bench press and 490 on the dead lift to tie the state middle-weight record.

Dave Mann, area serviceman, was elected vice president of the Peterstown Ruritan Club for 1977.

Ben Bates, retired division meter supervisor, received a 50-year membership pin from the Harman Masonic Lodge 222, Bluefield, Virginia.

GLEN LYN

R. David Martin, engineer B, was elected president of the Peterstown Little League and re-elected secretary of the Peterstown Ruritan Club.

Roger Dale Bradley, engineer B, was elected secretary of the Peterstown Little League.

LYNCHBURG

Ronald E. DeShong was appointed to a one-year term as secretary of the Lynchburg Society of Engineering and Science.

Glenn Gillette, son of George R. Gillette, collector, was promoted to co-manager of Kings Grocery Store in Lynchburg.



Cathy Cook, daughter of J. L. Cook, Abingdon stationman C, was first runner-up in age group 6-9 in the Little Miss Christmas beauty pageant held at E. B. Stanley Elementary School.

ROANOKE



Crouch

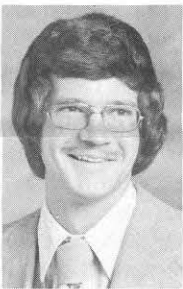
James Crouch, Jr., son of James Crouch, retired administrative assistant, was selected as national manager of the year by Pfizer Laboratories, a division of Pfizer Pharmaceuticals. Crouch led his Seattle sales district to the number one position in the United States for 1976.

Jeffrey Dean Altice, son of Billy L. Altice, planner senior, was awarded the Presidential Physical Fitness Award for 1976. A fifth grader at Mount Pleasant Elementary School, Jeffrey received a certificate signed by President Ford, a shoulder patch and window decal.

Terry Doss, son of J. P. Doss, line foreman, was selected to appear in the 1976 edition of "Who's Who Among American High School Students". He is a student at William Fleming High School, Roanoke.



Altice



Doss

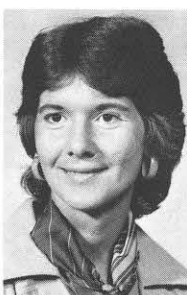
Mikki Lynette Hughes, 3-year-old daughter of Nell Hughes, customer accounts representative, was mascot for Drewry Mason High School in a recent Henry County basketball tournament. Her picture appeared in *The Martinsville Bulletin*.

Wayne Fulcher, meter reader, was elected vice president of the Sanville Ruritan Club.

Bennett Shuff, customer accounts representative, was elected vice president of the Woolwine Ruritan Club.

J. Robert Davenport, Fieldale manager, was a feature guest on "Chatter Box" over WMVA Radio in Martinsville.

LOGAN—WILLIAMSON



Hatfield

Wanda Hatfield, wife of Eugene Hatfield, Williamson lineman A, was promoted to circulation manager of the *Williamson Daily News*.

PULASKI

B. R. White, customer accounting supervisor, was elected to the board of deacons of the First Baptist Church of Galax.

New officers of the Galax Employees Benevolent Association are **B. R. White**, customer accounting supervisor; president; **J. N. Coleman**, lineman C, vice president; and **C. V. Burnette**, meter reader, secretary-treasurer.

"The Hiding Place", a Billy Graham Evangelistic Association film, will be shown in various locations this month. **L. L. Bucklen**, engineer B, was named executive chairman of the local committee involved with showings in Wytheville, Bland and Marion. **Mrs. D. K. Spivey**, wife of the engineer B, was named executive chairman of the local committee for Pulaski County.

F. M. Bennington, residential representative, was named chairman of the public affairs division of the Galax-Carroll-Grayson Chamber of Commerce.

Several employees have been named or elected to various positions in the First United Methodist Church of Pulaski. They are: **C. K. Kirkland**, division manager, and **Mrs. W. E. Miller**, wife of the Customer Services employee, members of the board of trustees. Retiree **R. C. Nickols**, member of the administrative board, commission on evangelism and Lord's Acre committee. **G. K. Smythers**, residential representative, and **G. P. Williams, Jr.**, son of the engineering technician senior, members of the administrative board. **R. H. Love**, supervising engineer, chairperson of work area on evangelism and member of council on ministries.

Also, **Mrs. C. R. Settle**, wife of the retiree, chairperson of work area on ecumenical affairs and member of council on ministries. **J. R. Boulton**, stationman B, chairperson of pastor-parish relations committee, member of finance committee and chairperson of Lord's Acre committee. **Mrs. R. H. Love**, wife of the super-

vising engineer, chairperson of work area on family life, member of pastor-parish relations committee, altar guild committee and council on ministries.

Also, **Dorothy Whitaker**, personnel assistant, lay member of annual conference, member of commission on missions, pastor-parish relations committee, finance committee and altar guild committee. **Jay Brillheart**, son of J. B. Brillheart, administrative assistant, member of commission on worship.

Also, **Mrs. R. C. Nichols**, wife of the retiree, member of commission on ecumenical affairs, Lord's Acre committee and co-hostess of kitchen committee. **J. B. Brillheart**, administrative assistant, member of commission on missions and committee on nominations. **Mrs. G. K. Smythers**, wife of the residential representative, advisor to altar guild committee and treasurer of kitchen committee. **Mrs. M. C. Spangler**, wife of the line inspector, member of altar guild committee. **Mrs. P. T. Gress**, wife of the commercial representative, and Retiree **Ruby Lowman**, members of library committee.

Stewart earns college degree



Stewart

Twelve years of perseverance finally paid off for B. J. Stewart, Kingsport meterman A, when he received his BS degree in business management from East Tennessee State University during December commencement exercises.

All requirements for the degree were fulfilled in night classes taken either on the main university campus in Johnson City or at University branches in Bristol and Kingsport.

"Without the encouragement of my wife Margaret Ann and daughter Melinda, plus the financial help of the Educational Assistance Plan, I probably would not have been able to reach this goal," Bob said.



James C. Hughes, Abingdon administrative assistant (right), delivers a \$1,302,665.85 check to Russell County, Virginia. The bulk of the check, which represents 70% of the division's 1976 tax bill, is for taxes on Appalachian's Clinch River Plant. On hand to receive the check were Brenda Morrison, clerk (left) and Woodrow Barrett, county treasurer (center), who have a special appreciation for this payment. Mrs. Morrison's father, Earl E. Crist, is master maintenance man at the plant, and Mr. Barrett's son, Rickey A. Barrett, is a utility operator B.



Explorers Post #155, sponsored by Appalachian Power in Lynchburg, won first place in the Lynchburg Explorer Council Volleyball Tournament. David Crews, personnel supervisor, and Ray Thomas, lead draftsman, are advisor and assistant advisor, respectively, for Post #155.



The Cave Spring Rams cheerleaders won first place in the Roanoke County Pee Wee Division cheerleading competition held at Roanoke College. The cheerleaders team is sponsored by Nancy Jacobs, wife of Wayne Jacobs, property records accounting supervisor in General Office Accounting. Pictured with Mrs. Jacobs are, l. to r., Chris White, daughter of J. G. White, material expeditor, General Office Purchasing; Debra Jacobs and Donna Jacobs, daughters of Wayne and Nancy Jacobs.



Mary Angela Harris, daughter of Everett V. Harris, chief chemist at Glen Lyn Plant, was crowned homecoming queen of Giles High School for 1976-77. A senior, Mary is president of the Photography Club; co-captain, varsity cheerleaders; secretary-treasurer of the SCA; and was a delegate to Virginia Girls' State last summer. She plans to attend college to earn a degree in nursing.



The Rams football team, coached by Jim Stewart (back row, left), auxiliary equipment operator at Philip Sporn Plant, with assistance from George Hesson (back row, right), stores supervisor at Sporn, went undefeated during the 1976 season to capture first place in the Point Pleasant, W. Va., Bidy League. Craig Hesson (jer-

sey 89), George's son, led the Rams in rushing during the season. He played fullback on offense and linebacker on defense this year, his third in the Bidy League. J. L. Perry (front row, center), son of J. L. Perry, performance supervising engineer at Gavin Plant, is also a member of the team.



New officers of the Reddi-Lite Club, a social organization for Roanoke employees, are, (l. to r.) Lynn B. Short, electrical engineer, vice president; Sandra P. McClelland, T&D clerk B, president; Doris S. Young, customer services clerk A, secretary; and Jane R. Poff, T&D clerk B, treasurer. Not pictured is Betty H. Pugh, meterman C, assistant treasurer.

Five couples are married recently



Mrs. E. L. Senter
(Elizabeth Gail Ratliff)



Mrs. E. E. Clark
(Teresa Ann Hall)



Mrs. W. A. Chaffins, Jr.
(Madeline Carol Ryan)



Garnett and Esther Harvey were honored with a reception given by their children in celebration of their 50th wedding anniversary recently. The Harveys were married December 18, 1926. He is a retired Roanoke Division personnel supervisor.

Stella Beals receives Sertoma "service to mankind" award



Stella Beals displays the certificate she received upon being named recipient of the Kingsport Sertoma Club's annual "service to mankind" award.

Stella Beals, widow of the late Elmer B. Beals, former Kingsport stores record clerk, is the recipient of the Kingsport Sertoma Club's annual "service to mankind" award. The award is given annually to a person who has given their time, talents and energies to the service of others without intent of recognition or gain for themselves.

Mrs. Beals, 80 years old, is the mother of four children and the grandmother of ten. She moved to Kingsport in 1916, a year before the city was incorporated and is a member of the First Broad Street United Methodist Church and United Methodist Women.

Mrs. Beals was selected for the award for many reasons. She organized the first garden club in the city and is a recognized flower arranger and judge. She has provided cuttings from her own house plants and gardens to hundreds of Kingsport residents, and many of the trees and shrubs around the city were planted and attended by her. Mrs. Beals is especially noted for providing the plantings around the Episcopal Church next door to her home, which turned the church parking

lot into an area of beauty. She has also arranged flowers for her own church for years.

An excellent cook, Mrs. Beals finds time to carry food to the sick, either at home or in the hospital, and the bereaved.

She is noted for her ability to create special hats, veils and accessories for weddings. These are always presented as a token of love. She teaches handicrafts to friends, neighbors and club members. Hundreds of people have sat around her dining room table and learned how to sew, mold candles, work with papier-mache', arrange flowers and make hats and flowers.

Mrs. Beals bakes cookies and other goodies for the neighborhood children, and all who visit her home look upon her as their own special grandmother. As they pass her home on their way to school each day, children are furnished flowers to carry to their teachers.

With true Christian love, Mrs. Beals has given of herself in the serving of others.

WEDDINGS

Elizabeth Gail Ratliff to **Eric Lynn Senter**, son of Russell E. Senter, assistant plant manager, Clinch River Plant, October 30, 1976.

Teresa Ann Hall, daughter of Dan E. Hall, unit foreman, Glen Lyn Plant, to **Elgin E. Clark**, November 20, 1976.

Madeline Carol Ryan, daughter of C. R. Ryan, Jr., Bluefield commercial representative, to **William Averill Chaffins, Jr.**, son of W. A. Chaffins, Bluefield stores attendant senior, January 8.

Connie Sue Rose to **Eric L. Brooks**, utility man A, Cabin Creek Plant, December 30, 1976.

Donna J. Bays to **Terry Jewell**, Pikeville lineman D, December 10, 1976.

BABY PARADE

John E. Amos

Gabriel Lynn, daughter of **Thomas B. Hill**, utility operator B, December 25.

Adam David, son of **Danny Burdette**, maintenance man B, January 6.

Amanda Jane, daughter of **Ralph E. Life**, performance engineer, December 16.

Ashland

Stephanie Leigh and Matthew Dean,

daughter and son of **Jerry Southers**, departmental assistant, GO Accounting, December 29.

Beckley

Olivia Dawn, daughter of **A. T. Warner**, auto repairman helper, December 17.

Malikah H., daughter of **C. L. Washington, Jr.**, stationman C, December 8.

Bluefield

Jenifer Diane, daughter of **Robert D. M. Taylor**, lineman B, December 1.

Bull Creek

Jason Paul, son of **Peter Paul Capaldo, II**, maintenance foreman, Lens Creek No. 1 Mine, December 10.

Cabin Creek

Wesley Matthew, son of **Thomas E. Smith**, utility man A, December 22.

General Office

Timothy Benton, son of **Jim L. Fariss**, engineering technologist supervisor, GO Hydro, Roanoke, December 27.

Hazard

Christina Charity, daughter of **Forrest Michael Warfield**, stationman C, December 15.

Lynchburg

Nanda and Deepa, twin daughters of **A. C. Channaiah**, engineering technologist supervisor, January 11.

Stephanie D., daughter of **Charlie W. Holloway**, lineman B, December 21.

Laura Lee, daughter of **Gary L. Detraz**, stationman C, November 14.

Frank Mannon fulfills 37-year-old promise to wife

It's been 37 years since Frank Mannon promised his wife Lessie that he would make her a grandfather clock. The retired Kanawha River Plant shift operating engineer finally made Lessie's dream come true a few weeks ago.

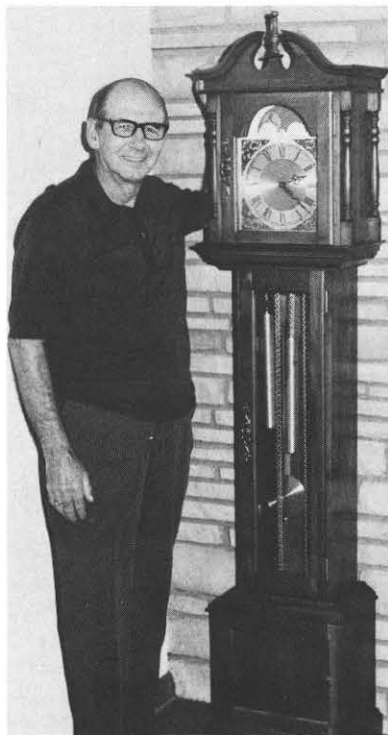
The exquisite grandfather clock Frank made is a real conversation piece. It took him approximately

four weeks to build the clock from a kit. The cabinet is made of solid walnut. Since some of the parts in the kit did not fit, Frank had to scout local lumber yards to obtain the necessary walnut lumber.

The six-foot clock has Westminster chimes and an eight-day weight-driven movement. The dial has Roman numerals and moon phase motif. And the cabinet has two glass doors, one displays the dial, the other shows off and gives ready access to the brass tone weights and pendulum.

Frank's woodworking hobby started while he was in the eighth grade. His first project was a bedroom suite he still has today. The bed is unique in design with a lot of lathe work.

Frank's talents are not confined to furniture, however. He recently completed building a room onto their home in Glasgow.



Mannon

BLOOD DONOR HONOR ROLL

General Office

Roger L. Gowl, two gallons.

MOVING UP



Bell



Crabtree



LaGrow



Stowers



Cook, J.



Hawkins



Harvey



Cook, L. G.



Trigg



Higginbotham

Robert L. Bell, former line foreman non-exempt, was promoted to general foreman in the Logan area of Logan-Williamson Division on January 1. He succeeds Hursten Swiney, who retired February 1.

David Haynes Crabtree, former environmental engineer in Appalachian's General Office Executive Department, was promoted to employee relations administrator in General Office Personnel, Roanoke, on January 1. He succeeds James C. Musgrave, who was promoted earlier. Crabtree holds a BS degree in agricultural engineering and an MBA degree from Virginia Polytechnic Institute and State University.

C. M. LaGrow, former accounting staff assistant-special, was promoted to regulatory and statistical reports supervisor in General Office Accounting, Roanoke, on January 1. He will be responsible for coordinating statistical data requirements and development of data relating to rate case activities. LaGrow holds a BS degree in commerce and economics from the University of Vermont.

Patricia A. Stowers, on January 1, was promoted in the position of general records accountant to assume responsibility for general and fuel accounting records of the electric operating companies. She succeeds N. G. Marshall, who retired as general records supervisor on January 1. Stowers attended Virginia Southern College and the AEP Management Training Program at the University of Michigan.

Joyce A. Cook, former general bookkeeper, was promoted to general records control supervisor in General Office Accounting, Roanoke, on January 1. Her responsibilities will center on maintenance of the general books, including federal income taxes, as related to the electric operating companies. She succeeds Patricia Stowers. Cook holds an associate of art degree in accounting from National Business College.

Owen A. Hawkins, former general records, tax and statistical supervisor, was promoted to general accounting administrator in General Office Accounting, Roanoke, on January 1. He attended Charleston School of Commerce and Virginia Southern College.

Valorie S. Harvey, former customer accounts supervisor H,

was promoted to centralized cash supervisor in General Office Accounting, Roanoke, on January 1. She assumed full responsibility for the operation of the centralized cash processing section. Harvey attended Virginia Western Community College.

Leo Gibson Cook, former electrical engineer senior in Pulaski, was promoted to area supervisor in the Gate City area of Abingdon division on January 1. He succeeds L. C. Valley, who elected early retirement February 1. Cook holds a BS degree in electrical engineering from The Citadel.

Rudolph S. Trigg, former senior engineering technologist, was promoted to engineering technologist supervisor in Charleston on January 1. He holds a BSEE degree from Bluefield State.

Kenneth R. Higginbotham, former line inspector, was promoted to right of way maintenance inspector in Lynchburg on January 1.

A. C. Channaiah, former electrical engineer, was promoted to engineering technologist supervisor in Lynchburg on January 1. He is an electrical engineering graduate of the University of Mysore, India.

D. R. Huffman, former engineer B, was promoted to engineering technologist supervisor in Charleston on January 1.

Lloyd Humphrey, former engineer B, was promoted to engineering technologist supervisor in Beckley on January 1.

David T. Bush, electrical engineer, was promoted to Roanoke Division meter supervisor on February 1. He succeeds the late M. G. Covey. Bush holds an electrical engineering degree from Virginia Military Institute.

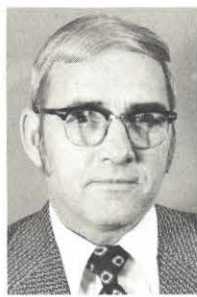
Russell E. Lanier, former stores clerk, was promoted to assistant stores supervisor at Philip Sporn Plant on January 1. He attended Center College.

Ivan H. Scarbro, former environmental technician assistant, was promoted to quality control supervisor at Cedar Coal Company's preparation plant on January 1.

Donald B. Hamon, former foreman trainee, was promoted to preparation plant foreman for Cedar Coal Company on January 1.



Channaiah



Huffman



Humphrey



Bush



Bragg



Manley

E. Michael Mann, former stores attendant, was promoted to warehouse supervisor in Cedar Coal Company's Purchasing Department on January 1.

Leroy Rigsby, former transportation superintendent, was promoted to manager — transpor-

tation and maintenance for Cedar Coal Company on January 1.

James T. Tackett, Jr., assistant safety director, was promoted to safety director for Cedar Coal Company on January 1. He attended the West Virginia Institute of Technology.

New line trucks good example of how inflation affects company



Posing with the new line truck in the Lebanon area are (from left) G. B. Gent, line foreman NE, and C. E. Garrett, lineman A.

Two new line trucks recently placed into service in the Clintwood and Lebanon areas of the Abingdon Division serve as good examples of how inflation has affected Appalachian Power's cost of doing business.

The new trucks, with hydraulic digger-derricks for pole digging, cost the company \$39,936 each. "That is more than double what we paid for similar trucks in Abingdon Division in 1966," says J. R. Whitehurst, division manager. "The trucks we purchased in 1966 cost \$17,537

each; and, while the new trucks are more modern, they do essentially the same job."

Whitehurst estimates it will cost \$10,000 to outfit each new truck with tools, equipment and other supplementary gear.

"Trucks like the ones we just bought are essential to our ability to provide reliable electric service to our customers. But the ten-year rise in the price of the trucks is a dramatic example of what inflation is doing to our costs," he says.



Pictured with the new line truck in the Clintwood area are (from left) R. P. Cussins, area supervisor A; G. H. Johnston, lineman helper; J. L. Gibbs, lineman B; D. A. Stanley, lineman helper; and R. B. VanHuss, lineman C.

Robert K. Bragg, former maintenance man A at John E. Amos Plant, was promoted to maintenance foreman for Centralized Plant Maintenance on January 1.

John H. Manley, former master maintenance man at Philip Sporn Plant, was promoted to maintenance foreman for Centralized Plant Maintenance on December 1, 1976.

Reynolds heads Army Reserve detachment



Reynolds

Claude L. Reynolds, Roanoke Division customer services manager, has been appointed commanding officer of the United States Army Reserves, Selective Service Training Detachment 1-11, Roanoke, Virginia. He rises to the position from that of acting commanding officer.

Reynolds, a full colonel, has been a member of the Marine Corps Reserves since 1954. He has served as platoon commander, training officer and company executive officer.

A veteran of the Korean War, Reynolds has completed the Landing Force Staff Officers Course, the Marine Corps Command and Staff College Reserve Course, and the Engineer Officer Orientation Course; served as a training assistant assigned to the Extension School at Quantico Marine Base, a member of the Reserve Major Selection Board, a working member of the Reconciliation Service Program and the National Selective Service Appeal Board; and attended the National Security Seminar sponsored by the federal government.

Service emblems awarded to veterans of our companies



E. F. Wright
Right of Way Agent
Beckley
40 Years



P. V. Kelsey
Cust. Serv. Mgr.
Abingdon
40 Years



H. B. Newland
Personnel Supv.
Pulaski
40 Years



J. I. Gilbert
R/w Agent
GO-Roanoke
40 Years



D. V. Armstrong
Joint Pole Use Supv.
GO-Roanoke
40 Years



C. K. Kirkland
Division Manager
Pulaski
40 Years



E. B. Norris
Meter Serviceman A
Huntington
35 Years



W. L. Sutor
Gen. Bookkeeper
GO-Roanoke
30 Years



C. A. Zoellers
Division Manager
Hazard
30 Years



Roy Napier
Cust. Acctg. Supv.
Hazard
30 Years



R. M. Martin
Meter Serviceman A
Roanoke
30 Years



W. E. Burgess
Custodian
Logan-Williamson
30 Years



G. C. Warrick
Garage Foreman
Kingsport
30 Years



T. J. Shelton
Line Foreman
Roanoke
30 Years



D. F. Purvis
Planner Senior
Charleston
30 Years



E. E. Fanning
Bldg. Supv.
Bluefield
30 Years



Theda Childers
Cashier A
Pikeville
30 Years



H. S. Fogleman
Stores Supv. B
Abingdon
30 Years



D. C. Brown
Maintenance Supv.
Philip Sporn
30 Years



S. B. Hale
Serviceman
Pikeville
30 Years



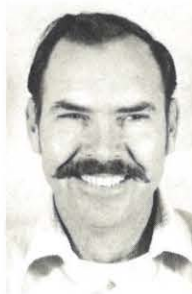
J. H. Brooks
Lineman A
Abingdon
30 Years



P. D. Hull
Line Foreman NE
Charleston
30 Years



O. E. Thompson
Stationman B
Logan-Williamson
30 Years



S. J. Dunn
Line Foreman
Charleston
30 Years



Jack Newland
Electrical Engineer
Bluefield
30 Years



C. W. Davis
Collector
Beckley
30 Years



Kyle Ellison
Line & Sta. Supv.
Beckley
30 Years



J. P. Doss
Line Foreman
Roanoke
30 Years



T. J. Overbay
Line Foreman NE
Abingdon
30 Years



E. L. Bevins
Div. Office Supv.
Logan-Williamson
30 Years

Mundy's appreciation of music leads to recording hobby

"I was one of ten children, and all members of my family were musical. Some sang in choirs and some played musical instruments, so my early life was filled with music. I have been interested in music ever since. I may not have any musical talent myself, but I do have an appreciation for it," says Jim Mundy, retired employee relations supervisor for Appalachian.

This appreciation led to a hobby Jim has enjoyed for many years — recording music for any and all occasions.

He says, "I have made background music for fashion shows and other audiences. Once I made a recording for an employee whose parents were having their 50th anniversary. I taped some songs that were

popular when they were court-ing." He started taping performances of Roanoke's Appalachian Chorus in 1974 and now reproduces tapes for the chorus to sell.

In preparation of making tapes for the chorus, Jim attends rehearsals so that he can make a cue sheet. The cue sheet shows whether a soloist, the entire choir or just a section is singing on particular numbers. That way he can be ready to adjust the volume accordingly during the actual taping.

When taping a chorus performance, Jim uses three different recorders. He makes eight-track, cassette and seven-inch reel-to-reel tapes. He then edits the three tapes, selects the best songs from each recorder and then makes his final tape.

Jim has also wired his television set so that he can tape music when he is not at home. He plugs his tape recorder into a cord which he has implanted in the television set, sets a timer which will turn on the set at a selected time, and then goes wherever he likes. He has taped a number of shows, including Lawrence Welk, Perry Como, Oral Roberts and Hee-Haw.

Jim says, "The roaring twenties and the depression thirties is the era of music I particularly liked. We had a victrola that played 78

records, and I loved to dance back then. I still go to the library and find 78 records of that era and record them." He adds, "I don't believe that the music of today is valued like it was when I was growing up."

Jim has an extensive collection of 78's which includes some of

Edison's records produced around 1908-1910. He has a 1930 "hit of the week" album which sounds like new even though it is made of cardboard. He notes, "Recording and collecting old 78 records is just one of many hobbies that I enjoy. Anything that is good, I would love to put it on tape."



Mundy



Elected to serve as 1977 officers of the Employees' Benevolent Association for the Welch office in Bluefield Division are (seated) John Walters, general serviceman, chairman; and Dottie Lawless, secretarial-stenographic secretary-treasurer. (Standing) W. O. Waldron, meter reader, and W. McKinney, Jr., general serviceman, members.

Companies honor employees with awards for long service



S. F. Plybon
Meter Serviceman A
Roanoke
30 Years

Mason Gallaher
Serviceman (LTD)
Ashland
30 Years

Talmadge Debord
Stationman A
Ashland
30 Years

E. M. Forthe
Plant Clerk
Philip Sporn
25 Years

A. J. Davis
Custodian
Lynchburg
25 Years

J. W. Farley
Relay Engineer Sr.
GO-Bluefield
25 Years

D. H. Williams
Equip. Serv. Adv.
Beckley
25 Years

B. A. Clemons
Equipment Operator
Glen Lyn
25 Years

C. P. Clower
Sys. & Proced. Supv.
GO-Roanoke
25 Years

R. C. Sult
Purchasing Asst.
GO-Roanoke
25 Years



Peggy Edwards
Customer Rep. A
Roanoke
25 Years

H. A. Campbell
General Serviceman
Roanoke
20 Years

R. O. Ragland
Lead Draftsman
Roanoke
20 Years

J. D. Towler
Custodian
Roanoke
20 Years

D. E. Meadows
General Serviceman
Bluefield
20 Years

L. J. King
Regional Dispatcher
GO-Huntington
20 Years

Betty Pearson
Residential Advisor
Lynchburg
20 Years

F. E. Queen
R/w Agent
Logan-Williamson
20 Years

Morris Barbour
Master Maint. Man
GO-Roanoke
20 Years

J. E. Duty
Transmission Man A
GO-Abingdon
20 Years



A. R. Hodges, Jr.
Eng. Technician Sr.
Lynchburg
20 Years

Coonie Hager, Jr.
Line Foreman NE
Logan-Williamson
20 Years

G. B. Carter
Master Maint. Man
Clinch River
20 Years

SERVICE ANNIVERSARIES

Appalachian Power Company

Bluefield

15 Years: **Gail Davidson Shaffer**, customer accounts representative A.
10 Years: **David Michael Chumbley**, meterman A.

Cabin Creek

10 Years: **Roy B. Wehrle**, plant janitor.

Charleston

15 Years: **N. I. Sampson**, customer accounts representative B.
10 Years: **W. F. Harmon**, stationman A.
H. R. Wilson, meter reader.

General Office

30 Years: **Juanita M. Cromer**, customer accounting clerk A, Jr. Accounting, Roanoke. **J. R. Tuggle**, transmission inspector, GO T&D Transmission, Bluefield. 15 Years: **R. C. Law**, tax accountant, GO Accounting, Roanoke. **Jackie R. Scruggs**, secretary, GO Executive, Roanoke. **C. R. Francisco**, electrical test specialist, GO T&D Station, Charleston. 10 Years: **J. H. Ritchie**, maintenance man, GO Hydro, Roanoke.

Huntington

10 Years: **C. D. Evans**, auto repairman A.

Kanawha River

10 Years: **Ronald E. Surbaugh**, maintenance foreman. 5 Years: **Frederick W. Brown**, maintenance man.

Logan-Williamson

10 Years: **Eugene Hatfield**, area serviceman.

Lynchburg

10 Years: **Carolyn M. Hawkins**, customer accounts representative B.

Pulaski

10 Years: **B. C. Litteral**, master maintenance man. **W. G. Eversole**, maintenance man.

Roanoke

10 Years: **J. M. Cummings**, customer accounts representative B. **W. H. Smith**, lineman A. **R. B. Horne**, surveyor.

Philip Sporn

5 Years: **C. R. Quillen**, junior maintenance man.

Southern Appalachian Coal

Bull Creek Complex

25 Years: **Wilbur Fister Dearien**, assistant general mine foreman (LTD). 5 Years: **Charles T. R. Berry**, general maintenance foreman. **Gale S. Elswick**, outside foreman.

Red Bivens' retirement plans include possible job, travel, golf

Walter Emmett "Red" Bivens, residential representative senior at Logan in the Logan-Williamson Division, retired February 1 after more than 30 years' service.

A native of Bluefield, West Virginia, he began his career in 1946 as a residential sales representative junior A. Red recalls, "My first assignment after going to work was the job of checking all electric water heaters in residential customers' homes to see if they were still eligible for our special water heater rate. There was a total of 45 water heaters in use then in what was the old Logan District."

All of Red's career was spent in the Commercial and Customer Services Departments. He held a number of positions, including that of customer services supervisor for the division.

Red says, "My wife and I plan to travel as much as we can, especially in the U. S. A. I have had two job offers but at this point am undecided what to do. If I do accept employment with another company, naturally my retirement plans would be de-



Bivens

played for a couple of years." He adds, "I am a sports enthusiast — I enjoy watching football, basketball and baseball. I've been a Cincinnati Reds fan and supporter since early childhood. I like to play golf and expect to do plenty of it during my retirement."

Red is active in both civic and church activities. He has served on the Logan County Board of Education; the Logan County Court, seven years as its president; the Logan High School Boosters Club and the Logan County Parks and Recreation Board. He is the only Logan Countian to appear in all three productions of the pageant, "The Aracoma Story." Red is also a member of the Logan Civic Association board of directors, the Logan County Development Corporation and is a 32° Mason and Shriner. A member of the First Presbyterian Church of Logan, he has been a deacon and choir member for 30 years.

The Bivens', who will continue to reside at McConnell, W. Va., have two children and two grandchildren. A son-in-law, Scott McDonald, is hydro maintenance supervisor in General Office Hydro, Roanoke.

Tuition plan pays examination fees

Professional examinations, such as those paid for the professional engineer, certified public accountant and bar exams, are now covered by the AEP Educational Assistance program. The coverage applies to professional exams taken after December 1, 1976.

The program will also cover one re-examination. Subsequent re-examinations are the responsibility of the employee.

SYSTEM BRIEFS

Stultz rejoins AEP in Fuel Supply

Quentin F. Stultz, formerly advertising supervisor of the Service Corporation, has rejoined AEP as public affairs director of the Fuel Supply Department in Lancaster.

Stultz first joined the AEP System in 1959, when he started with Indiana & Michigan Electric Company as an editorial assistant. He went to New York in 1965 as advertising supervisor. He remained in that position until 1972, when he resigned to accept a position as vice president with Lauer, Etzler & Wade, Inc., a Fort Wayne advertising agency.

Bias receives college degree



Bias

Charles E. Bias, Charleston lineman C, received a BS degree in business administration from West Virginia State College in December.

Bias, who started taking evening classes at State in 1969, had 139 semester hours to his credit when he received his diploma.

He says, "After working hard to obtain my degree, I hope it will enable me to achieve higher goals in life. I am also looking forward to spending more time with my wife Phyllis and our two daughters."

Keeping West Virginia Green



In contour mining, a "terrace" is cut into the side of a hill or mountain to expose the coal seam. Above are shown two methods of extracting the coal: digging the exposed coal (foreground) and auger-mining horizontally into the still-covered seam to remove still more coal (background).



A close-up view of the auger mining.



After the coal is removed, the stored topsoil is returned, a gentle slope is created and grass is planted. This photo was taken only months after the mining.



A close-up view of the hydro-seeding of a mountain top after its terrain has been gently rolled. Grass seed, together with fertilizer, is mixed with water and "blown" by pressure nozzles to cover large areas. Within days the greenery is restored.

American Electric Power has five mining companies in West Virginia. All five are engaged in deep mining, but two — Cedar Coal Company and Southern Appalachian Coal Company — are also involved in surface mining. Their surface mines alone produced about 1.6-million tons of coal last year. And where there are surface mines, there's reclamation.

Surface mining is practical only when the coal is relatively close to the surface of the earth and easily removed. In the System's West Virginia fields, the coal generally lies 30 to 50 feet below ground in seams three to four feet thick. AEP gets at this coal with two kinds of surface mining: contour and mountain-top. Both kinds lend themselves to reclamation, with the reclamation machinery operating right behind the mining equipment.

Contour and mountain-top mining differ slightly in both the mining and reclamation. In contour mining, the overburden is removed from the hillside in terraces, peeling away the ground cover to reveal the coal seam. The coal is removed by shovels digging out the uncovered part of the seam and by augers drilling horizontally into the hillside to recover any remaining coal. Meanwhile, every bit of topsoil removed has been carefully stored.

In mountain-top mining, the top of the mountain is "sliced off," enabling equipment to get at the coal beneath. If necessary, the sides of the mountain can be removed also. Again, the soil is put aside.

The planning of the reclamation is done long before the first coal is mined. In both contour and mountain-top mining, the reserved soil is returned almost as soon as the coal is removed from a section of land. Drainage systems and holding ponds are developed, and grass is planted and fertilized by hydro-seeding. Often, trees are planted also.

AEP's West Virginia surface-mining operations in 1976 covered about 400 acres. However, reclamation work covered about 850 acres, since land previously left undone was also reclaimed. The cost of reclamation depends on the contour of the land; mountain-top reclamation costs about \$8,200 an acre; contour about \$2,000. The total bill: over \$2.2 million last year for surface mining reclamation work in West Virginia alone.



Here is an over-all view showing the "terrace" cut and mining in the foreground and the reclamation results from previous mining in the background.

WE REMEMBER



Cornett



Smith



Hypes



Stump

Ray Hix Cornett, 61, Pulaski area T&D clerk, died December 29. A native of Grayson County, Virginia, he began his career in 1946 as a groundman. Cornett is survived by his widow Anita, 703 Newbern Road, Pulaski, Virginia; one son; two daughters; two brothers and four grandchildren.

Sank Smith, 78, retired Welch District personnel supervisor in Bluefield Division, died January 10. A native of Ocala, Virginia, he began his career in 1921 as a utility man and retired July 1, 1963. Smith is survived by one son, five sisters, one brother and three grandchildren.

Oren David Hypes, 71, retired laboratory attendant at Cabin Creek Plant, died December 31. A native of Poe, West Virginia, he began his career in 1943 as a janitor and retired April 1, 1970. Hypes is survived by his widow Irene, 9005 Maryland Avenue, Marmet, West Virginia, and four daughters.

Harrison R. "Whitey" Leeds, 47, assistant chief civil construction, Project 1301, died December 7. A native of Oklahoma, he began his career in 1969 as a civil construction assistant during the construction of Kentucky Power Company's Big Sandy Plant. Leeds is survived by his widow Allece, P. O. Box 117, Hurricane, West Virginia, one son and one daughter.

Jesse Ramsey, 72, retired customer accounting clerk in General Office Accounting, Roanoke, died December 26. A native of Copenhaver, West Virginia, he began his career in 1923 as an addressograph clerk in Huntington and retired December 1, 1969. Ramsey is survived by his widow Mae, 3417 Valley View Avenue, Roanoke, Virginia, and two daughters.

Edward Stump, 72, retired Huntington line inspector, died January 25. A native of Ironton, Ohio, he had broken service before being permanently employed in 1937 as a lineman. Stump retired April 1, 1969. He is survived by his widow Maude, 1747 Monroe Avenue, Huntington, W. Va.

OIP savings tops \$1-million in 1976; sweepstakes winners drawn

Ideas submitted by employees through Appalachian Power Company's Operations Improvement Program during 1976 are expected to save the company approximately \$1,056,012. The corporate goal for the year was \$750,000. A total of 204 proposals were processed.

Certificates were awarded to three locations for having the most effective Operations Improvement Program during the year: General Office Accounting, Lynchburg Division and Cabin Creek Plant.

A drawing was held last month in the office of E. L. Munday, Appalachian vice president, to deter-

mine winners of 44 U. S. \$25 Savings Bonds given as awards in the "end of the year" sweepstakes. To be eligible for the sweepstakes, a proposal must have been approved by the location's manager and be worth \$100 or more to the company.

Names drawn and the number of savings bonds each received are: John Burnside, Huntington records supervisor, 2; R. E. Alley, Pulaski rodman, 4; P. M. Wilson, engineer B at Amos Plant, 8; L. J. Karschnik, assistant shift operating engineer at Amos Plant, 12; and S. J. Farmer, general records control supervisor in General Office Accounting, Roanoke, 18 bonds.



E. L. Munday, Appalachian vice president, with the help of Pat Berry, secretary in GO Executive, made the drawing to determine winners of the "end of the year" OIP sweepstakes.

Hughes named top associate editor in 1976 Illuminator competition



Hutton



Ratcliff



Hughes

Three associate editors have been recognized for their contributions to **The Illuminator** during 1976.

James C. Hughes, Abingdon administrative assistant, was named outstanding associate editor. His selection was based on preparation of and adherence to advance outline, variety and originality of material submitted, completeness of information, promptness and quality of photography.

Karen Hutton, secretary-stenographer at Central Machine Shop, was the recipient of the best photo award. Her winning photo of Lisa and Larry Perry, children of Eugene T. Perry, NDT inspector 1st class at CMS, ap-

peared in the September issue.

Martin Ratcliff, Roanoke administrative assistant, received the best story award for his retirement article on Jack Cooper, former Roanoke right of way agent, which appeared in the January issue.

A new award, given for the first time this year, went to those locations who achieved 100 per cent of quota in **The Illuminator** during 1976. Winners of this award were Abingdon, Beckley, Bluefield, Central Machine Shop, Charleston, General Office, Logan-Williamson, Lynchburg, Pulaski, Roanoke, Glen Lyn, Kanawha River, Ashland, Hazard and Kingsport.

WELCOME NEW EMPLOYEES

Appalachian Power Company

Beckley

Margaret J. Perry, clerk junior.

Bluefield

Arlis C. Dempsey, meter reader, Tazewell.

Cabin Creek

Larry J. Raines and **Gary W. Williams**, temporary utility men B.

Central Machine Shop

Benjamin M. Jackson, custodian. **Sandra D. Kingrey**, junior clerk.

Charleston

Dennis L. Green and **Robert A. Foster**, meter readers. **John A. Kilmer**, electrical engineer, North Charleston. **Matthew W. Johnson** and **Marvin K. Lewis**, lineman helpers, North Charleston.

General Office

William White, accounting staff assistant, GO Accounting, Roanoke. **Robert G. Givens**, electrical engineer, GO T&D Meter, Roanoke. **William C. Rutherford**, engineering technician, GO T&D Communications, Charleston. **Terry O. Washington**, custodian, GO General Services, Roanoke. **Charles W. Drastura, III**, communications engineer, GO T&D Communications, Huntington. **Wayne D. Sink**, electrical engineer, GO T&D Meter, Charleston. **Roger G. Keeney**, station maintenance man helper, GO T&D Station, Charleston. **Toney C. Bowen**, station maintenance man helper, GO T&D Station, Huntington. **Wayne M. Alexander**, work order cost clerk, GO Accounting, Roanoke. **Peggy L. Arrington**, personnel assistant, GO Personnel, Roanoke.

Glen Lyn

Robert D. Pearson, chemist.

Huntington

Alice Woomer, junior clerk, Milton.

Kanawha River

David W. Wills, utility man B.

Roanoke

Janet G. Craighead, meter reader.

Philip Sporn

Paul A. Smith, **Johnnie N. Gardner**, **Olla J. Arbogast** and **Michael E. Athey**, utility men B.

Cedar Coal Company

Rebecca Anderson, communications clerk, Big John. **Teresa Ferrell**, **Susan Hughes** and **Deborah Welch**, communications clerks, Coal Fork. **Shirley Kincaid**, communications clerk, Robin. **Kim Long**, communications clerk, Slaughter's Creek I. **Wanda Paxton**, junior clerk, Grace II. **Carl J. Neal**, maintenance foreman, Ridge Road Deep Mine. **James D. Bowling**, environmental technician. **A. Darlene Harmon**, clerk-typist. **Ronnie G. Adkins**, section foreman, Grace II Deep Mine. **Alma J. Jarrell**, clerk-typist, Grace III Deep Mine.

Kentucky Power Company

Ashland

Sheila A. Gordon, customer accounting representative D. **John B. Wagner, Jr.**, associate engineer.

Pikeville

Charles Perry, meter reader.

T&D workers hit safety record

Appalachian Power's General Office Transmission and Distribution Department completed one million consecutive man-hours without a disabling injury on January 10. The record for the 368 employees of the department began on August 14, 1975.

Fourth quarter winners in Operations Improvement Program announced



Hawkins

Five employees received awards for submitting the best proposals processed during the fourth quarter of Appalachian's 1976 Operations Improvement Program. Receiving \$25 United States Savings Bonds were: O. A. Hawkins, general accounting administrator, General Office Accounting, Roanoke; T. E. Crewey, operations supervisor at Glen Lyn Plant; J. D. Porter, residential services coordinator, General Office Customer Services, Roanoke; K. R. Higginbotham, Lynchburg line inspector; and J. T. Claytor, line foreman in the Tazewell area of Bluefield Division.

Hawkins described a monitoring procedure for keeping the amount of funds provided to cover West Virginia's rate case refund payment checks at a mini-

mum but safe working level. Estimated savings for 1976, a year of extensive refund activity, was in excess of \$100,000.

Crewey noted that approximately \$25,000 could be saved if the startup and low-load operating procedures for unit 6 at Glen Lyn were revised to eliminate the use of 50 per cent of the transformer rectifier sets, thereby reducing the demand for auxiliary power for unit 6 dust collecting equipment.

Porter suggested the elimination of Long Form Memo No. 253 in EDP Programming, with a company-wide savings of \$7,500.

Higginbotham's proposal indicated that savings could be realized via groundline treatment of salvaged poles. He noted that this subject was part of 1966 T&D memorandum no. 44-1, which was not currently being implemented company-wide.

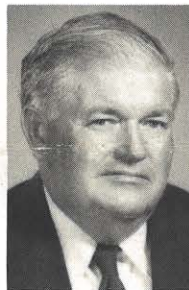
Claytor described a collapsible, inexpensive rack used as a support for utility poles, thereby making the truck and part of the crew available for other activities needed to complete the job.



Crewey



Porter



Higginbotham



Claytor

Abingdon Division submits first Operations Improvement idea in 1977



A proposal for a combination ladder/tailgate for a four-wheel drive, F600 truck was the first submitted in Appalachian's 1977 Operations Improvement Program. Posing with a truck equipped with the ladder/tailgate are the employees who had the idea. They are (l. to r.) E. C. Funk, A. E. Blevins and J. J. White.

The ink had barely dried on a very successful 1976 Operations Improvement Program before three Abingdon Division employees submitted the first proposal in 1977. They are J. J. White, line foreman NE; A. E. Blevins, lineman A; and E. C. Funk, lineman A, in the division's Marion area.

They proposed a combination ladder/tailgate for a four-wheel drive, F600 truck, fabricated

from scrap aluminum. The ladder feature eliminates trouble and safety hazard while entering and leaving the truck bed. And the tailgate feature keeps the cargo from falling out and being broken or damaged.

The Abingdon Division has four of these trucks in service, and the estimated annual savings is \$1,500 per vehicle. Nineteen of these trucks are in use throughout the company.



Ingram

Fieldale general serviceman gives first aid to accident victims

Lewis Ingram, general serviceman at Fieldale in Roanoke Division, was able to administer first aid to victims of two accidents recently, thanks to training received through the company.

Lewis was the first person to arrive at the scene following a two-car collision on Figsboro Road in the Martinsville area. He recalls, "It was obvious the wreck was bad. The driver of the auto that had been struck in the side seemed okay, although he appeared to be in a state of shock. He was leaning over a small child in the car, saying, 'What have I done?' Within seconds of my arrival, another motorist, who happened to be a member of a local life saving crew stopped. I had already checked for a heart-beat since the child had stopped breathing. There was one, but it was very faint. We moved the little girl and began mouth to mouth resuscitation and chest cardiac massage. We worked over her for some 10 minutes until the life saving crew arrived, but they pronounced her dead just moments after. I found out later the little girl was just five years old."

Lewis added, "We did everything we could and still failed. It's sad, but one has to leave the thought behind that you did your best."

Another accident situation soon after that turned out better, however.

Lewis was dispatched to restore a service drop at Starkey's Store in Oak Level, which had been pulled down by a county sanitation truck making a pickup of the trash dumpsters.

He says, "As I started up in the bucket, Mrs. Starkey mentioned that she would just clean the excess trash up that had been left around the dumpsters since she couldn't do anything inside with the power off. Someone had dropped a plastic bag containing refuse and, apparently, there was a broken bottle or tin can in it. When she threw it up into the

dumpster, that's when the accident happened. She yelled to me she had cut her arm badly, and I immediately lowered the bucket."

Lewis continues, "It was a jagged, wicked-looking cut, extending some two inches across the wrist and appearing very deep. Blood was flowing profusely. Mrs. Starkey was alone and the phone was out of order because the sanitation truck had pulled the telephone drop down also. I quickly took her inside and found a clean towel and began applying direct pressure, elevating her arm at the same time. After a while she maintained the pressure over the cut until I could call in over the radio for a life saving crew.

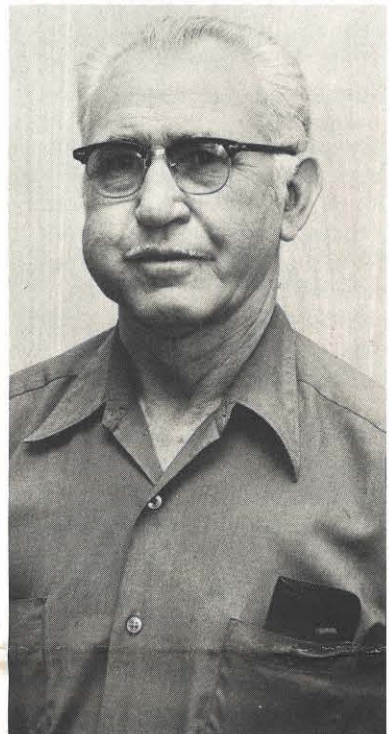
"The crew didn't arrive for some 15 minutes, and Mrs. Starkey was panicky at first. I just kept talking to her and telling her everything was going to be okay, and she was pretty well calmed down when they got there. I really didn't do all that much. I'm just glad I knew what to do and could be there when someone needed help."

Swiney elects early retirement

Hursten Swiney, general foreman in the Logan-Williamson Division, elected early retirement February 1 after 41 years' service.

A native of Lincoln County, West Virginia, he began his career in 1935 as a laborer and advanced through the positions of groundman, inspector, lineman, lineman A, working foreman, line foreman non-exempt and line foreman exempt before being promoted to general foreman in 1973.

A widower, Hursten has three children. He enjoys hunting and fishing in his spare time.



Swiney

ON TARGET

Glen Lyn

Carl B. Patteson, retired assistant shift operating engineer, 15-lb. turkey and spike deer.

Kingsport

Jerry Hagood, stationman B, 125-lb doe.

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