PUBLISHED FOR THE EMPLOYEES OF APPALACHIAN POWER COMPANY • KINGSPORT POWER COMPANY • OF THE AMERICAN ELECTRIC POWER SYSTEM

VOL. XXX No. 2 November 197

EXPRESS DRIVER FOILS BURGLARY



Estes Spraker discovered the break-in at the Clintwood office and called law enforcement officials. Photo courtesy *The Cumberland Times*, Clintwood, Virginia.

When a man from Kentucky and another from Florida decided to rob Appalachian Power's Clintwood office, there was one thing they hadn't counted on. The "pony" express driver.

About midnight on October 16, Estes Spraker, who was making the return pony run back to Bluefield, noticed the night depository box on the Clintwood office was ajar. Looking through the window, he saw that a table had been placed in position to block the view from the street. Spraker reported the break-in to the police and told them he would call Robert Cussins, Clintwood area supervisor.

Cussins arrived at the accounting office a few minutes after Spraker's call and waited for the police. In the meantime, however, the town policeman arrived and went to Cussins' office in the service building, which is physically separated from the accounting office. Noticing the light on and thinking it was Cussins, the policeman rattled the door to get Cussins' attention. This startled the would-be burglars, who by this time had left the accounting office and were in the service building. Leaving a loaded and cocked 20 gauge shotgun on the desk, one of the burglars fled on foot. The policeman started in pursuit, unaware there was another man still in the building.

The burglar who fled managed to elude the policeman, rejoined his partner, and the pair attempted to leave town in their car.

Meanwhile, the policeman had called for assistance and five more officers responded. After a systematic search, a truck with Kentucky license tags was stopped about 2 AM near the local supermarket. The two men in the car had a quantity of suspicious property in their possession. After finding a key from a local motel on one of their persons, officers procured a search warrant and raided the room. They found a room-full of stolen merchandise, including guns, cameras, tape recorders, several boxes of tools and miscellaneous items. (It was later determined the pair had also broken into the public library.)

Cussins credited the police with surprising the two before they could get away with more than a few small items from Appalachian, but they had gathered quite a load in preparation for making a haul. He said, "The police have always provided excellent service and worked with us side by side." He believes that "somebody could have been killed, especially since the shotguns were loaded and ready to fire. But everything was handled very adequately by all concerned."

Cussins noted that "the men took a set of boltcutters off the company truck to break into employee lockers. Sixteen locks had been cut."

Cussins called Dave Taylor, Abingdon Division customer services manager, who arrived shortly after the incident to make an assessment of the damage and determine what had been taken. The thieves, who had tried to break into the safe by chiseling the dial to get to the tumbler mechanism, had instead jammed the locking mechanism.

Taylor said, "Since all records pertaining to cashier functions, customer billing registers and meter reading cards were in the safe, it hampered operations that day. For the most part, however, the business day went normally except that all receipts and documents had to be handwritten."

Taylor and Cussins agreed that the Clintwood employees performed their jobs very well under the circumstances that prevailed.

COURT REJECTS APCO CLAIM AGAINST U. S.

The U.S. Court of Claims in the District of Columbia decided on October 17 against Appalachian Power Company in its suit against the federal government regarding the company's proposed Blue Ridge pumped-storage and hydroelectric project in Virginia on the New River.

The suit arose when Congress nullified Appalachian Power Company's construction license which had been issued by the Federal Power Commission (now the Federal Energy Regulatory Commission) by designating a small section of the New River within the Blue Ridge site as part of the nation's wild and scenic rivers system.

The claims court based its decision upon the view that the license was not vested because it was still subject to judicial review at the time the Wild and Scenic Rivers legislation became law.

Appalachian Power Company now has 90 days to decide whether or not to appeal to the U.S. Supreme Court. It also has the option of petitioning the U.S. Court of Claims within 14 days for a rehearing.

JUNE VOTE SET ON AMENDMENT

The Ohio General Assembly has approved for the June 1980 ballot a proposed constitutional amendment allowing a statewide municipal authority to generate and sell electricity.

The proposed authority is the outgrowth of AEP's 11-year effort to acquire Columbus & Southern Ohio Electric Company. One of the provisions of the Securities and Exchange Commission's "in principle" approval of the acquisition was its requirement that it be satisfied that AEP had signed an agreement with Ohio's municipal electric systems providing them a means of obtaining their own central power supply. The authority would serve as the vehicle of ownership for such a supply.

AEP TO BEGIN COLUMBUS MOVE NEXT SUMMER

The American Electric Power Service Corporation will move its headquarters and the majority of its employees from New York to Columbus in a three-phase operation beginning next summer.

Announcement of the move, made simultaneously in the two cities on October 19, came 11 years and nine months after American Electric Power Company made known its plans to bring Columbus and Southern Ohio Electric Company into the seven-state AEP System.

While approval of AEP's acquisition of C&SOE is anticipated from the Securities and Exchange Commission before the end of the year, the decision to proceed with the move was made, according to AEP Chairman W. S. White, Jr., so that the problem of "the continuing uncertainty of relocation among our New York employees" would be removed.

The relocation will be carried out over a period presently estimated at three years and will be culminated by the transferred employees moving into a new AEP office building in downtown Columbus.

The first phase will involve the transfer of about 440 jobs during June-August 1980. The second phase will involve moving an additional 200 to 250 jobs in the summer of 1981. These two groups will be housed in leased office space until completion of the new headquarters, at which time the final elements will then be relocated.

While close to 700 jobs will be involved in the first two phases, the number of employees who will make the move will not be known until each individual has decided whether he or she wishes to move. Chairman White said that those jobs now held by employees who elect to remain in New York will be filled locally or from elsewhere on the AEP System.

Groups named to move next summer are the System Planner, Public Affairs, Legal (partial), Controller's, Rate, Finance, Treasury (except Accounting and Payroll), Customer Services and System Personnel Departments, and the Systems Measurement, Distribution Engineering and Transmission Line & Structures Engineering Sections of the Electrical Engineering Division.

White explained that plans for the 1981 move could not be finalized until arrangements were completed for additional office space in Columbus, which are expected "within 60 days." At that time, the jobs involved in the 1981 relocation will be identified. He also promised that employees involved in the final move phase will be notified promptly.

He reiterated that "a major engineering and design presence" would be maintained in New York "for the foreseeable future" but that an engineering and design capability was also planned for Columbus. "That is still the objective," he said. "When the Columbus moves are completed, the New York office would consist of major elements of engineering, design and construction and necessary levels of associated support services," he added, citing such activities as accounting, legal, office services, personnel and purchasing.

Formal announcement of the New York-to-Columbus move, which had been preceded by speculation stories in the Columbus press, was made by Chairman White at a news conference in Columbus and by AEP President Richard E. Disbrow at a meeting of the company's management and supervisory personnel in New York. White then made a similar announcement at a luncheon attended by 60 civic and governmental officials of Ohio and Columbus, including Governor James A. Rhodes.

In explaining the decision to move without waiting

(Continued on page 2)

THE **ILLUMINATOR**

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

We are an Equal Opportunity employer.

Editorial Staff

William A. McClung, Public Affairs Director B. Don Johnson Information Services Manager Betty Lou Carter Editor of Publications

Associate Editors

Bill Roeser, Abingdon Kyle McGraw, John Amos Ray Vest, Beckley Dick Bowman, Bluefield Dixie Foster, Central

Machine Shop Karen Hutton, Centralized Plant

Jennings Fulknier, Charleston

Maintenance

Luther Houchins, Clinch River

Jack Turner, General Office

Coonie Spangler, Glen Lyn

Dick Roush, Huntington Jeanne Sheets,

Kanawha River

Charles Lingar, Kingsport

Charlie Frye, Logan-Williamson

Jerry Vest, Lynchburg Brenda Lipscomb, Mountaineer Construc-

Janice Adkins, Mountaineer Operations J. B. Brillheart, Pulaski Martin Ratcliff, Roanoke

Jerry Thompson, Philip Sporn

SYSTEM **NEWS BRIEFS**

KPCO Plans Bond Sale

Kentucky Power Company announced October 11 its intention to sell up to \$30 million of first-mortgage bonds at competitive bidding on or about December 5. Proceeds will be used to repay shortterm debt.

I&M Sells Preferred

Indiana & Michigan Electric Company on October 2 sold 1.6 million shares of new \$2.75-dividend preferred stock to a group of underwriters headed by Merrill Lynch, Pierce, Fenner & Smith, Inc. The stock sold at a cost to the company of 11.31 percent. Proceeds from the sale will be used primarily to pay shortterm debt.

AEP RAISES DIVIDEND

The board of directors of American Electric Power Company last month declared an increase in the dividend on its common stock of 1¢ per share, raising the quarterly dividend to $55\frac{1}{2}$ ¢. It will be paid December 10 to shareowners of record November 9.

The increased dividend marks the 27th consecutive year that AEP has increased the payout to shareowners.

APCO AGAIN

For the second time in 1979, the more than 4,700 employees of Appalachian Power Company have worked 1,000,000 consecutive hours without a disabling injury. The latest achievement occurred during the period July 26, 1979, to September 3, 1979.

COLUMBUS

(Continued from page 1)

for SEC approval of the acquisition of C&SOE, White said, "We feel so confident that we will receive final approval of the C&SOE acquisition that the decision to carry through on the previously announced relocation to Columbus at this time is in the interest of all concerned — the company, its employees, its shareowners and its customers." He pointed out that this would provide for an orderly transition and transfer of the Service Corporation's headquarters to Columbus and would enable the company to continue its program to enhance the effectiveness of its operations through closer coordination with the seven operating companies that currently comprise the AEP System.

Following the expected approval by the SEC, one additional step would have to be taken to effect the acquisition: terms of the proposed exchange of common stock between the two companies -1.3shares of AEP for each share of C&SOE - would have to be accepted by the holders of at least 80 percent of C&SOE's voting stock.

White told his Columbus audience that the Ohio capital was "the logical place from which to conduct the affairs of the AEP System." He said, "It is logical because Columbus is centrally located to the operation of our companies. In moving to Columbus, we want to become a responsible corporate citizen of the community, and our people will want to become in every way a part of Columbus. From what I know of your citizens, they are waiting to welcome us."

In his reply on behalf of the state of Ohio, Governor Rhodes hailed the announcement as "welcome news." He characterized AEP as "one of the nation's most responsible corporate citizens" and as "the best managed of the utility conglomerates" and the pending acquisition of C&SOE as "the best possible deal for electric consumers."

WHITE ANNOUNCES **FORMATION OF** R&D COMMITTEE

AEP Chairman W. S. White, Jr. has announced the formation of a Research & Development Committee in the Office of the Chairman, effective October 1. White will serve as chairman of the committee, composed of Richard E. Disbrow, president of American Electric Power Company and president and chief executive officer of the AEP Service Corporation; Frank N. Bien, vice chairman — operations; John E. Dolan, vice chairman - engineering and construction; Gerald Blackmore, executive vice president - fuel supply, Lancaster, and Gregory S. Vassell, senior vice president — system planning. In making the announcement, White cited the AEP System's 73-year history of pioneering in electric power technology. "Today," he said, "our research and development effort remains as important as

ever, if not more so." Reporting to the R&D Committee on a periodic basis will be an R&D Task Force headed by Dr. Charles A. Falcone, coordinator of research and development and administrative assistant in the Office of the Chairman. Falcone, who had been with AEP for 11 years, 1964-75, recently returned to the company after three years as director of power supply and reliability for the U.S. Department of

Energy.

The other members of the task force are: William R. Coleman — Customer Services; Conrad F. DeSieno Rates; Anthony F. Gabrielle — Computer Applications; James J. Markowsky - Mechanical Engineering; Robert Rine - Fuel Supply; Blair A. Ross System Planning, and Brendan J. Ware — Electrical Engineering. Alex Volk, who has long been active in gathering and reporting R&D information to regulatory bodies, will function as secretary to this task force.

Chairman White pointed out that, in establishing the new R&D Committee and Task Force, it was not his intent to alter the way the company now conducts research or to reduce the primary responsibility of those presently involved in its conduct. "We believe that our current approach has great advantages," he

said. "We recognize, however, the need to coordinate our numerous R&D efforts and to disseminate such information as required.'

To this extent, the task force and its chairman will be responsible for: assuring coordination of R&D efforts across the System; functioning as the company's outside contact regarding general research inquiries; issuing a quarterly newsletter on the status of AEP's various research efforts, and preparing an annual research budget.

COAL BETTER THAN SYNTHETIC **GAS IN PROVIDING HOME ENERGY**

A coal-based electric system is more efficient in providing residential energy requirements than a synthetic natural gas system using a coal-gasification process, according to a study recently completed by the AEP Service Corporation's System Planning and Customer Services Department.

Details of the year-long study were released at a news conference held in Washington, D.C. on October 1.

AEP Chairman W. S. White, Jr., said the "study is significant because it utilizes independent data as the basis for the assumptions and conclusions." He noted that the study should prove valuable in the current discussions over enactment of legislation to fund research and development projects involving gasification and liquefaction of coal.

The report points out that the coal-gasification systems now undergoing examination have not been tested on a commercial scale. On the other hand, the report states, the available data from many sources, including the government, indicate the superior efficiency of coal-based electric generation

At the same time, the report's authors, Blair A. Ross, vice president — energy resources planning, System Planning Department, and William R. Coleman, director — residential and commercial services, Customer Services Department, observed:

"While the Lurgi Process coal-gasification system currently being considered does not use coal resources as effectively now as the electric power system for residential service, research of this and other coal-gasification technologies should be actively pursued and encouraged."

White also stressed that AEP was not advocating abandonment of the coal-gasification process.

"What this study proves is that all energy sources and fuel use systems need to be studied to determine their place in the energy mix," he said. "This country must explore every possible avenue of energy supply and development for use now and in the years ahead into the 21st century.

"All we are saying right now is that, when you take all the available independent data and measure it carefully for meeting residential energy needs, the electric system is more efficient. Our conclusion is that the research on coal-gasification should proceed apace so that this system can hopefully become a valuable aid sometime in the future."

271 COMPETE FOR SCHOLARSHIPS

A total of 271 children of employees have registered for this year's AEP System Education Awards competition. At stake are 34 awards of \$3,500 each to be divided into increments of \$2,000 for each student's first year in college and \$1,500 for the second.

The awards will be based on three factors: secondary school evaluations by faculty members, Scholastic Aptitude Test scores and personal motivation as determined by the results of questionnaires probing the interests and objectives of each student award candidate.

Final selections will be made the week of February 11 by Bernard Ireland, retired educational consultant who has been involved with the AEP program for many years.

Ohio Power Company was the leader in applicants with 79. Appalachian Power Company had 64; Indiana & Michigan Electric Company, 45. The Service Corporation, with 32 in New York (including construction), 10 in Canton and one in Lancaster, was a close fourth with 43.

Coal mining and transportation operations had 21; Michigan Power Company, eight; Kentucky Power Company, seven; Wheeling Electric Company, three, and Kingsport Power Company, one.

The program, which has been in operation since 1955, is open every year to any System employee's child who will be a high school senior entering college the following fall.

SAVINGS PLAN UNIT VALUES

Date	Value Per Unit	Units Credited Per Dollar
Fixed Income Fund		
1/31/79	1.0846	.9219
2/28/79	1.0912	.9164
3/31/79	1.0987	.9102
4/30/79	1.1060	.9042
5/31/79	1.1136	.8980
6/30/79	1.1209	.8921
7/31/79	1.1286	.8861
8/31/79	1.1363	.8800
9/30/79	1.1439	.8742
Equity Fund		
1/31/79	1.1920	.8389
2/28/79	1.1582	.8634
3/31/79	1.2241	.8169
4/30/79	1.2278	.8145
5/31/79	1.2066	.8288
6/30/79	1.2577	.7951
7/31/79	1.2705	.7871
8/31/79	1.3494	.7411
9/30/79	1.3513	.7400
AEP Stock Fund		
1/31/79	1.0355	.9657
2/28/79	1.0153	.9849
3/31/79	1.0167	.9836
4/30/79	1.0108	.9893
5/31/79	0.9784	1.0221
6/30/79	1.0267	.9740
7/31/79	1.0383	.9631
8/31/79	1.0105	.9896
9/30/79	.9544	1.0478

letters we like

The following letter was sent by a new customer to the Customer Services Department in Huntington:

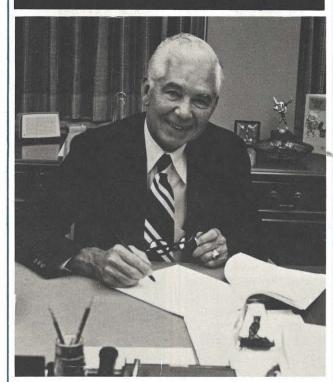
"I came into your office last Monday, explaining that I was new in Huntington and a severe asthmatic, and requesting that my power be turned on.

"I was treated with the utmost courtesy and concern; and, although a crew was not to be in my area that day, my power was fully on within a few hours.

"I would just like to thank you for the promptness of your service and the cordiality of your personnel. It has made my adjustment here (my home is in New York) tremendously easier and much more pleasant.

"Again, my sincere thanks!"

LEN MUNDAY: FROM GROUNDMAN TO VICE PRESIDENT



After 43 years with Appalachian Power Company, the last five as a vice president, E. L. Munday, Jr., retired November 1.

Munday, who grew up on a farm in the little town of Wax Pool, Virginia, worked his way through Virginia Polytechnic Institute and State University by waiting tables and correcting papers. He graduated in 1936 with a bachelor of science degree in industrial engineering.

When asked if it had been his ambition as a boy to become an engineer, Munday replied with a chuckle, "I don't know that I had any real ambition then other than to make a living and not go back to farm work. I majored in industrial engineering because there were more job opportunities for industrial engineers than any other type."

He continues, "When I got out of school, I went to work for Lincoln Furniture Company in Marion, Va. A friend of mine, who lived in Roanoke, said possibly I might get on with Appalachian. I made an application, was interviewed by Jimmy White (retired Roanoke Division superintendent of transmission and distribution), and about a week later I got a telegram from him saying to come to work at $32^{1/2}$ cents an hour. At that time they started all the engineers in the line crew, so I went to work as a groundman digging holes for Appalachian."

Munday goes on, "I worked in the line crew about three months, then worked several months for Jimmy Jones, who at that time was supervisor of construction in the AEP System. The job with him was supervising installation of a transformer bank at the Roanoke Substation, then the largest bank to be installed in the System."

Munday was a power engineer, rural and residential sales supervisor, commercial manager and assistant to the district manager before being named assistant Roanoke district manager in 1956. When he moved to Fieldale as district manager in 1960, Munday recalls, "My first week there we had an 18-inch snow and everything fell down around our ears. That was a real good indoctrination as a manager."

In 1963 he was promoted to district manager at Charleston and to assistant Charleston division manager the following year. He moved to Huntington as assistant division manager there in 1966 and became division manager in 1967. He returned to Roanoke in 1968 as commercial manager for Appalachian.

Although his son and daughter were youngsters then, moving from one location to another presented no difficulty for the family. "We had no problems in moving because my wife Sarah and the children made friends everywhere we went. I remember that before I came back to Roanoke the last time, I had come over and talked about the job four times. When I left for the airport, they said, "We don't care whether you say yes or no — just come back with an answer."

Munday was promoted to executive assistant in 1973 and to vice president the next year. His port-

folio included responsibility for all nine divisions and the GO Purchasing and Stores, Customer Services, Land Management and General Services Departments. He is also on the board of directors of the AEP Service Corporation and is a vice president of Franklin Real Estate Company.

Munday attended the Massachusetts Institute of Technology Program for Senior Executives in 1974 and was in the first class of AEP's management training program at the University of Michigan. He also attended the management training program at the University of Virginia.

Munday served in the 10th Armored Division in Europe during World War II as well as on the island of Aruba, where a huge Exxon refinery is located. He was discharged as a captain but stayed in the Reserves and retired as a lieutenant colonel in 1974.

Active in civic affairs throughout his career, Munday was especially involved in the United Fund. He served in a number of divisions in the Roanoke campaign and was chairman of both the Martinsville-Henry County and Charleston United Fund drives. He was slated to be chairman of the Huntington drive before he left there in 1968. He has also been president of the Roanoke Lions Club and was active in Kiwanis and Rotary. During 1979 he served as president of the Public Utilities Association of Virginia.

After 43 years in the utility industry, Munday is looking forward to retirement. "I'm going to work at it day by day. The only thing I have planned so far is a cruise to the Caribbean in February. I haven't played enough golf in the last year to know what my handicap is, but I do plan on playing more. And I plan on seeing my seven-month-old grandson more often."

HOW EMPLOYMENT ACT AFFECTS BENEFIT PLANS

Under the Age Discrimination in Employment Act of 1978, the mandatory retirement age for AEP System employees was raised from 65 to 70, effective January 1, 1979.

The Illuminator published an article last November explaining the effect of the new law on employee benefit plans for those who continue working after age 65. Since that time, the U.S. Department of Labor has issued final regulations which clarify the following benefit plans provisions:

Savings Plan — As stated previously, employees 65 and over may continue to participate in the System Savings Plan on the same basis as any other active employee. All contributions vest immediately on employees who remain actively employed after age 65.

Medical Insurance Plan - Employees who remain in active employment beyond age 65 will continue to be covered under the System medical plan with benefits coordinated with Medicare. The effect of these combined benefits (AEP plan and Medicare) will provide medical coverage equal to that provided by the System medical plan alone. The company will pay the employee's Medicare Part B premium for as long as active employment continues. Dependent spouses over age 65 will be similarly treated provided the employee continues to make the monthly contribution required for the spouse's System medical coverage. Upon retirement, employees (who had 10 years of service at age 65) and their spouses will be covered under the company Medicare supplement plan at no cost.

Life Insurance — Employees continuing in active employment beyond age 65 will continue to be covered for their current amount of insurance for as long as they remain actively employed. At date of actual retirement, if the employee had 10 years of continuous service at age 65, coverage will be provided as though the employee had retired at age 65 with all regular plan provisions applying.

Regulations governing retirement, long-term disability and vacation plans as well as sick leave pay and holidays remain the same as stated previously. Employees affected by the change in mandatory retirement age may receive more information on their

specific situation by contacting the Personnel Department.

MOVING



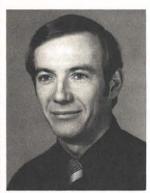
C. E. Yeager, former electrical engineer, was promoted to Huntington station superintendent on October 1. He succeeds the late Fred G. Bruce. Yeager holds a degree in electrical engineering from International Correspondence Schools.



James B. Quillin, Jr., former customer services clerk C, was promoted to residential advisor in Kingsport on September 1.



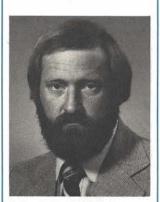
Roy Douglas Morris, former line mechanic A, was promoted to line crew supervisor non-exempt in Roanoke on September 1.



David L. Williams, former programmer, was promoted to systems and procedures analyst in General Office Accounting, Roanoke, on October 1. He holds an associate in business administration degree from Virginia Western Community College.



W. H. Grizzel, former line crew supervisor non-exempt, was promoted to line crew supervisor exempt in the Gate City area of Abingdon Division on October 1.



Edwin O. Caldwell, former engineering technologist, was promoted to engineering technologist supervisor in General Office T&D Civil Engineering, Roanoke, on October 1. He holds an associate in science degree in electrical engineering technology from Virginia Western Community College.



D. T. Robinson, former line crew supervisor non-exempt, was promoted to line crew supervisor exempt in the Marion area of Abingdon Division on October 1.



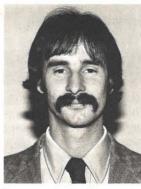
Leroy G. Ramsey, former station mechanic A, was promoted to station crew supervisor NE in Lynchburg on September 22. He succeeds T. M. Sandidge, who retired.



Trov W. Hatfield. former station crew supervisor non-exempt, was promoted to station crew supervisor exempt in Huntington on August 16. He succeeds the late W. T. Locke. Hatfield attended Coync Electrical Trade School and the Navy electrical school.



W. M. Gardner, former area service restorer, was promoted to line crew supervisor NE in the Hillsville area of Pulaski Division on September 1.



Francis DeBellis, former electrical engineer, was promoted to electrical engineer senior in Bluefield on October 1. He succeeds Herman F. St. Clair, Jr., who was promoted to station superintendent. DeBellis holds a bachelor of science degree in electrical engineering from Virginia Polytechnic Institute and State Univer-



William McFall, Jr., former line crew supervisor non-exempt, was promoted to line crew supervisor exempt in Abingdon on October

JOHNSON JOINS PUBLIC



B. Don Johnson has joined Appalachian Power as information services manager in General Office Public Affairs, Roanoke.

In his new position, Johnson will be responsible for media relations and will supervise the preparation of employee and customer communications materials, speeches, special presentations and the company's photographic and movie library.

Prior to being employed by Appalachian, Johnson was owner and president of a public relations firm in Hickory, North Carolina. He previously was manager-communications programs for General Electric's distribution transformer business department in Hickory. A native of Oklahoma, he holds a bachelor of arts degree in journalism from Oklahoma City Univer-

NEW FACES AROUND

Abingdon R. N. Jennings, R. E. Hill and S. M. Lunsford, line mechanics D, Gate City. R. L. Kirby, line mechanic D, Marion. H. M. Stevens, station mechanic D. J. J. Stanley and H. L. Phipps, line mechanics D, Clintwood. J. A. Stewart, line mechanic

John Amos K. L. McGraw, training coordinator. Terry J. Kidd, Billy G. Marcum, Jerry L. Hodges,

Edward L. Cundiff. Jr., Mike D. High, S. N. Johnson, G. L. Chancey, Cindy G. Meadows, R. R. Smith, R. D. Burgess and K. W. Wentz. maintenance mechanics D. James S. Douglas, R. A. Walker, K. L. Richardson, W. J. Scott, R. F. Waugh, H. P. Knight, D. K. Drake, Judy A. Hodge, R. A. Landers, J. D. Spade, Calvin L. Moore, W. A. Vannater, Karen S. Hinzman, Diana C. Wingate, Tellis L. Ramsey, Joe T. Hysell, J. E. Sowards, J. D. Strickland, L. D. Ayers, B. K. Ward and T. J. Cooper, utility workers.

Beckley Richard G. Gipson and Danny W. Windon, line mechanics D, Rupert. Lawrence W. Cox and Michael R. Leftwich, line mechanics D. Alvin H. Ellison, Jr., meter electrician D. D. R. Walters, meter reader, Oak Hill.

Bluefield Karl Nation, electrical engineer. Gary S. McClanahan, custodian, Grundy. Clay D. Stowers, tracer.

Central Machine Shop Loren C. Price, semitractor trailer driver. Irma Harris, temporary junior clerk. Joyce A. White, drafter C.

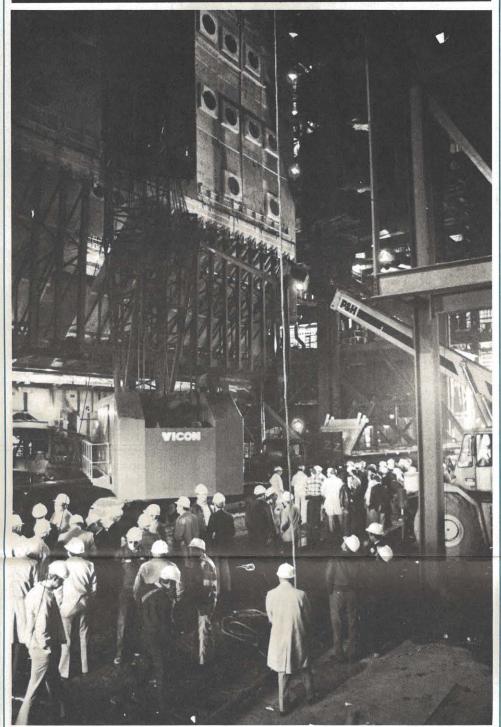
Charleston James R. Parsley and Calvin F. Clark, Jr., meter electricians D. Sue B. Dolin, junior clerk. Michael R. Young, Jerald B. Burns, John A. Snyder, and Herald D. Ward, line mechanics D. Charles M. Maurer, engineering technician. Barry A. Arbogast, tracer. Arthur G. Sizemore, meter reader. Lyle D. Simmons, Jr., Leola C. Taylor and William R. Carter, line mechanics D. Mohammad Ahangardezfooli, electrical engineer.

Clinch River Harry W. Phillips, James H. White, James L. Jessee, James D. Fields, Cecil W. Verbal, Jr., Jerry D. Hart, Michael L. Selfe, Sidney C. McCoy, Vickie C. Bass, Richard N. Gibson, C. Swanson Wilson, Jr., Ricky G. Holmes, Larry A. Brewer, Jerry L. Yates, Larry D. Mann, Jack D. Blackson, and Rickey R. Fogg, utility

workers B. David W. McClanahan, perfor-

mance engineer. General Office David L. Brown, transmission mechanic D, GO T&D Transmission, Abingdon. David L. Higgins, station mechanic D, GO T&D Station, Roanoke. Linda G. Martin, junior clerk, GO Accounting, Roanoke. Joe S. Scholl, right-ofway agent B, GO T&D R/e & R/w, Charleston. Carl A. Persing, civil engineerhydro, GO Hydro, Roanoke. Gary M. Kazanjian, video services coordinator, GO Public Affairs, Roanoke. Ekram S. Al-Bayata, electrical engineer, GO T&D Station, Charleston. Wilbert R. Newsome, Jr., stores accounting clerk C, GO Accounting, Roanoke. Kenneth W. Worsham, utility worker B, GO Hydro, Smith Mountain. Linda K. Gilbert, classification and accounts payable clerk C, GO Accounting, Roanoke. Stephen R. Jenkins and Robert A. Cooper, junior clerks, GO General Services, Roanoke. James J. Showalter and Ibrahim A. Elagtal, electrical engineers GO T&D Engineering, Roanoke. Mary W. Looney, tracer, GO T&D Engineering, Roanoke. William B. Lowe, Jr., electrical engineer, GO T&D Station, Bluefield. Lloyd M. Mikels, Jr., engineering technician, GO T&D Station, Bluefield. Shirley A. Haskins, junior clerk, GO T&D Transmission, Bluefield. James M. Chewning, utility helper, GO Operations, Roanoke. Rhonda G. Anderson, electric plant clerk C, GO Accounting, Roanoke. Charlene B. Bell, junior key entry operator, GO Accounting, Roanoke. Joseph C. Johnson, III, engineering technician, GO T&D Communications, Roanoke. Bobby L. Duncan, engineering technician, GO T&D Station, Bluefield. Dhruva K. Srivastava, electrical engineer, GO T&D Engineering, Roanoke. Roger A. Young, station mechanic D, GO T&D Station, Charleston. Dean F. Law, engineering technician, GO T&D Station, Huntington. David J. Kilbane, office messenger, GO General Services, Roanoke.

NEED FOR QUALITY COAL STRESSED AS OPERATORS TOUR MOUNTAINEER PLANT



Coal company executives view the massive boiler at Mountaineer plant before the B&W unit was totally enclosed.

More than 110 independent coal company executives got a first-hand view of the Appalachian Power Company's newest generating plant on October 10, as they toured the 1,300-megawatt Mountaineer generating facility which is under construction near New Haven, W. Va.

The coal operators had an opportunity to view Mountaineer's massive boiler before the Babcock & Wilcox-manufactured unit was totally enclosed. The boiler measures approximately 230 feet tall, 110 feet wide, and 110 feet deep.

"The impact of standing at the base of the boiler cavity and looking up nearly 230 feet to the tubing and wing walls," said Gerald Blackmore, executive vice president of AEP Fuel Supply, "gives you a vivid picture of the importance of burning the appropriate quality coal to minimize slagging and other coal-related problems."

John Dolan, vice chairman — engineering and construction for the AEP Service Corporation, told the coal operators that coal which is used at Mountaineer must conform to "very tight environmental standards and that 12,000 BTU coal containing only 0.7 percent sulfur will be required for the new unit.

Dolan said that the deteriorating quality of coal is one of the reasons that the average unit availability across the AEP System has been declining in recent years, but pointed out that the introduction of the 1,300-megawatt units have reversed that trend. "The 1,300-megawatt units have brought reliable, continuous and efficient coal-burning to the AEP System," he said.

Overall unit availability at AEP generating plants inched upward from 78.1 percent in 1977 to 78.4 percent in 1978, thanks mainly to the performance of AEP's three 1,300-megawatt units, which were on-line 87.5 percent of the time in 1978. Continuing to feed the 1,300-megawatt units with the proper quality coal will help maintain that high availability rate.

The Mountaineer plant, according to Dolan, will burn coal that equates to 100,000 gallons of oil every hour. The AEP System's emphasis on coal is patriotic as well as sound economically, he noted, because, "we are able to sell as much power as we can produce, and when we sell our coal-fired generation to outside utilities, we are normally displacing oil-fired generation."

Poor coal quality hurts the AEP System because it increases the number of forced outages in AEP's generating units, Dolan explained. If, due to poor coal quality, "one of the these units is out for a week, about \$2.4-million of running investment

is gone on our part and about 2.8-million worth of coal sales is gone on the operators' part."

The AEP vice chairman noted that when the Mountaineer plant was first being planned, in 1969, coal was selling for \$4 per ton. Work on the Mountaineer plant was suspended for a time due to Appalachian's troubled financial condition, but normally, Dolan says, licensing a coal-fired power plant takes three years and the actual construction requires an additional four years.

By viewing the yet-unfinished boilers, coal operators were able to get a clear picture of the size of the "klinkers" — huge accumulations of ash — which can build up and eventually block the throat of the boiler's ash hopper.

When ash which has built up along the sides of the boiler falls to the bottom, it can weigh as much as 30 or 40 tons and bend the steel framework which holds the boiler in place. Even if poor coal quality does not cause a total outage, it can lead to a curtailment of several percent of a unit's generating capability. According to AEP System Operations in Canton, a 10-megawatt curtailment in a unit due to poor coal could result in \$1 million to \$2 million in lost revenues over the course of a year, depending upon the particular plant involved.

Dolan warned that American Electric Power - and other electric utilities - are having an increasingly difficult time raising the capital needed to construct new facilities such as Mountaineer.

In the 1960s, he said, coal costs represented approximately one-fourth of the AEP System's operating expenses. Today, coal accounts for 54 cents out of every dollar the AEP System spends on operations.

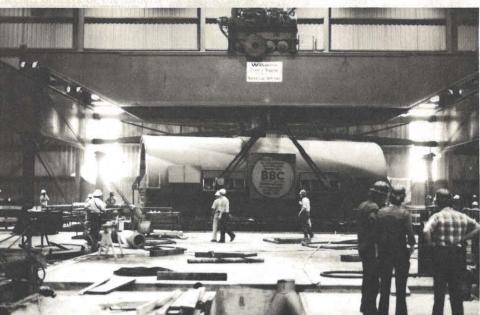
And where the cost of generating electricity accounted for 44 percent of the AEP System's average electricity rate for customers in 1967, generating electricity ate up 86 percent of the average rate in 1978, leaving precious little left to transmit and distribute that power and for maintenance, taxes, paying dividends on stock, and financing new construction.

"Our average residential customers pay a little more than three cents per kilowatt-hour for his electricity," says Dolan, "and he is alarmed that it has increased from about one cent back in the 1960s. But that's still a lot different than in New York, where a residential customer pays 10 cents per kilowatthour, going on 11, or in New Jersey where the residential customer pays nine cents per kilowatthour, going on 10."

The coal operators also had a close look at Mountaineer's 1,103-foot stack; its 500-foot cooling tower; the switching yard, which will link Mountaineer with the John Amos, General Gavin and Kammer plants; and the coal-handling facilities.

The total price tag for the Mountaineer plant, upon completion, is estimated to be \$625 million. The plant, which will burn approximately 3,750,000 tons of coal annually, is scheduled for its first turbine roll on August 5, 1980, and should begin commercial operation in December of 1980.

CRANE CUTS TIME, COSTS



AEP's 500-ton-capacity overhead bridge crane lifts the first of two stators to be set in place at the Mountaineer Plant in New Haven, West Virginia.

A job that ordinarily would have taken a month to a month-and-a half to complete at the Mountaineer Plant construction site in New Haven, West Virginia, took only three days this past summer thanks to a recent AEP purchase.

The plant's two 382-ton stators (electrical generators) were hoisted and set in place by a 500-ton-capacity overhead bridge crane which the AEP System purchased from Williams Crane and Rigging Company, the manufacturers.

Studies made by the Service Corporation's Engineering and Design Divisions and the Construction and Purchasing Departments indicated that the crane would save time and money not only at Mountaineer but at other system construction sites as well

After the Mountaineer job was completed, the crane was disassembled and shipped by truck to the Racine Hydro Plant in Racine, Ohio, where it will be used next April to erect the plant's bulb turbines. Other future uses include: erection of the proposed Gallipolis Hydro units, river unloading at Project 2602 (the next proposed project after Rockport) in Kentucky, maintenance work at Racine and replacement of existing stators in operating plants if needed.

POWER PEOPLE MAKING NEWS

Abingdon

Fillmore McPherson, Jr., retired division manager, was named to the board of trustees of the Holston Conference Colleges by the Board of Higher Education and Ministries. This is a policymaking board for Emory & Henry, Hiwassee and Tennessee Wesleyan Colleges operated by the Holston Conference of the United Methodist Church.

Beckley



Percy, a cat owned by Trina Griffith, junior clerk, was chosen number one in the non-pedigree, neutered short-hair cats category and second most friendly cat in the Oak Hill Cat Show. Trina also showed a shaded silver Persian named Frosty, who won five ribbons and was chosen second best cat in the entire show.

Bluefield

Residential Advisor Mary Kirby, president of the Bluefield Quota Club, attended the 51st annual convention of the First District, Quota Club International, at Clarksburg, W.Va. The Bluefield club received three of four awards presented for outstanding accomplishments. Secretary-stenographer Dottie Lawless was elected second vice president of the Southern District, West Virginia Federation of Women's Clubs. The club yearbook she entered won first place in the press book-yearbook competition. Immediate past president

of the Keystone-Northfork Women's Club, Dottie is currently home life chairman.



Mary Kay, daughter of Leland Looney, Grundy T&D clerk, won the Miss Harvest Moon beauty pageant at Vansant Elementary School.

Charleston

Herman Wilkerson, husband of Secretarystenographer Katie Wilkerson, was awarded \$400 for winning the Kanawha Country Club golfarama.

Jack Jarrett, hydro plant supervisor, rolled a 663 series to start off the Kilowatt Bowling League's new season. He had games of 244, 241 and 178.



Haskel Jones, St. Albans area superintendent B, was elected president of the St. Albans Chamber of Commerce.



Michelle Dawn. daughter of Head Meter Reader Ron Wilson, was awarded a trophy for being named to the Upper Kanawha Valley All-Star cheerleading team. She represents the Mustang Pee Wees.

General Office

Roger L. Gowl, work order accounting supervisor, GO Accounting, Roanoke, was elected treasurer of Child Evangelism Fellowship of Roanoke. Gabrielle, daughter of **Executive Assistant** John Larew, was awarded a trophy for winning the Roanoke City Swim Meet diving championship.



Dwain, son of Junior Stenographer Anna Craddock, GO Accounting, Roanoke, was named to "Who's Who Among High School Students". A senior at William Byrd High School, Vinton, Va., he is a member of the French, Music and Reindeer Clubs; business manager, school annual; PLUS group leader; and has lettered and received more than 300 ribbons and numerous trophies for both local and state swimming competition as a member of the Roanoke Valley Swim Team. He also coached AquaNet Swim Team, valley champions in the division in 1978. Dwain will attend James Madison University next fall.

Huntington

Administrative Assistant Dick Roush was elected secretary of the Central Ohio Valley Industrial Council and to the board of directors of the 1980 Tri-State Fair and Regatta.

Kingsport

Carolyn Gibson is vice president of the newly organized Parents-Teachers for Action of the Fall Branch Elementary School.

Lynchburg

Ellen, daughter of Station Mechanic B Dennis Tomlin, was accepted, upon recommendation by her art teacher, as an independent art student at Heritage High School. Division Manager J. Robert Davenport was named chairman of the Public Service Division of the 1979-80 United Way Campaign. Administrative Assistant Jerry Vest was named chairman of the Special Events Section for the campaign.

Personnel Supervisor W. David Crews was named a member of the economic growth task force of the Greater Lynchburg Chamber of Commerce. He is also subcommittee chairman of the career awareness task force sponsored by the chamber.

J. Robert Davenport was named to the board of directors of the Presbyterian Home in Lynchburg.

Pulaski

Beth, daughter of Administrative Assistant J. B. Brillheart, was one of ten finalists in the Miss Pulaski County High School beauty contest. She was also named, along with Sabrina, daughter of Stores Attendant Senior E. A. Alley, to the Pulaski County High School homecoming court.

Rognoke



After 40 years of playing golf, J. W. "Shine" Eanes, retired Fieldale stores attendant, made a hole-in-one on the par 3, 207-yard 7th hole at Lynwood Golf Course, Martinsville, Va. He was playing with Booker Dalton and C. H. Martin.



Velvet Annette. daughter of Fieldale Customer Accounting Supervisor Dorothy Via, was selected for inclusion in "Who's Who Among American High School Students" A senior at G. W. Carver High School, she is vice president of the Future Business Leaders of America and a member of the youth choir at Blackberry Baptist Church.



Todd, son of Stenographer Nancy Dickerson, was elected president of the eighth grade at Glenvar Junior High School.

Paul Kinney, meter electrician A, and his partner Ronnie Lemons placed third in the Fall Team Classic, Roanoke Valley Bassmasters tournament at Smith Mountain Lake, with their catch of 18 lb. 15 oz.

Janie Guthrie is a member of Brownie Troop 153, which won first place in the Boones Mill Apple Festival youth marching group competition. Jason Guthrie is a member of the Cub Scout Pack 129, which took second place in the marching competition. They are the children of Junior Clerk Kay Guthrie. Personnel Assistant Senior Helen West

was elected chairman of the William Byrd High School choir boosters for 1979-80.

WORK

Five Appalachian employees shared their suggestions for improving performance and saving money in the September/October issue of AEP Operating Ideas.

tive assistant, and Patsy Smith, secretary, described an improved plan for personnel records management that is saving 6,240 clerical hours annually in addition to 1,875 square

John R. Larew, execu-

Carl R. Whittington, regional dispatcher in GO Operations, Turner, developed a new loading rate for Kanawha Valley hydros which will save an average of 286 workhours per year.

feet of storage space.

Scott McDonald, hydro maintenance superintendent in GO Hydro, Roanoke, described a way to eliminate the problem of vibratory wear in small gate valves normally in the "open" position. This has resulted in increasing unit availability and reliability at the Smith Mountain and Leesville Hydros.

J. Q. Blair, utility supervisor at Kanawha River Plant, explained that a thin plastic seal installed on hose reels remains intact as long as inspected fire hose has not been unreeled. The idea saves countless unreeling and rewinding during monthly inspections, yet the plastic is readily broken in case of fire.

BLOOD DONOR HONOR

General Office Wanda Rucker, senior key entry operator, GO Accounting, Roanoke, one gallon.



Pulaski and Logan-Williamson Divisions were awarded Executive Vice President's Certificates of Excellence following safety audits recently. To receive certification, an overall rating of 3.5 must be established and the location's incidence index must be lower than the AEP index for a designated period. Pulaski received a grade of 4.05 during the safety audit of July 16-20. Their incidence index was .004 compared to the AEP rate of .187 for the period September 1, 1978, through August 31, 1979. Logan-Williamson received a grade of 3.87 during the safety audit of March 12-15. Their incidence index was .109 compared to the AEP rate of .187 for the period September 1, 1978, through August 31, 1979. Pictured at the award ceremony are, from left, Claud K. Kirkland, Pulaski division manager; John W. Vaughan, executive vice president of Appalachian Power; and Floyd H. Taylor, Jr., Logan-Williamson division manager.



Appalachian Power's Bluefield golf team placed first in the Monday Night Industrial Golf League played at Richwood Golf Course, Bluefield, Virginia. Members of the winning team are: seated, l. to r., Jim Harmon, engineering supervisor; Bob Farley, engineer B, team captain; Duke Wright, retired administrative assistant; and C. R. "Bud" Ryan, residential representative senior. Back row, l. to r., Ted White, Princeton area supervisor; Mike Clayton, station crew supervisor; Charles Kinzer, engineering technician; and Buck Branscome, line crew supervisor.



Elected to the social and recreational committee at John Amos Plant are: seated, l. to r., Sherri Frantz, Personnel; Nancy Arthur, Office; Diana Smith, Lab; W. R. Simmons, Performance; and Fred Stalker, Operations. Standing, l. to r., William Booker, Operations; N. L. Sowards, Coal Yard; Edward Helm, Operations; Larry Fisher, Maintenance; Gregory Bird, Coal Yard; and Rex Hill, Maintenance.



Centralized Plant Maintenance employees were treated to a luncheon recently in recognition of having achieved more than 400,000 safe workhours since March 15, 1976. Among those attending were, l. to r., J. L. Tillis, H. K. DeWeese, R. E. Chapman, L. A. Davison, K. R. Dillon and R. O. Winkler.



Elected officers of the Bluefield Employees Benevolent Association for 1980 are: seated, l. to r., Mary Lou Mash, customer accounts representative B, secretary; Jack Hagerman, GO transmission supervising engineer, chairman; and Gary Conrad, electrical engineer, treasurer. Standing, l. to r., "Skip" Brown, station mechanic A; Bill Ball, GO Communications engineering technologist; P. T. Spangler, commercial representative, out-going chairman; and Howard Meadows, electrical engineer senior, all board members. Not pictured is Line Crew Supervisor R. T. Bowen, Jr., also a board member.



The annual Lynchburg Division Fall Golf Tournament was held at Winton Country Club. Winners were (front row, l. to r.) J. A. Martin, line inspector, low gross of 86; Ralph S. Bird, residential representative, closest to pin; and James "Jack" Collins, engineering technician senior, low net of 75 and longest drive.

SYSTEM COUPLES MARRY



Kathy Lynn King to Charles Eugene Vest, classification and accounts payable clerk C, GO Accounting, Roanoke, September 15.



Karen Vandergrift, junior clerk, GO Accounting, Roanoke, to Gary Brogan, September 1.



Joyce Ann Sult, daughter of Ellis F. Sult, transmission inspector, GO T&D Transmission, Bluefield, to Curtis Eugene Lien, September 29.



Gale M. Light to Robert L. Kern, Pulaski electrical engineer, September 29.



Jonae E. Hawley to Richard B. Buckley, September 2. Mrs. Buckley is the daughter of Clifford Hawley, Abingdon building supervisor, and Dorothy Hawley, Abingdon T&D clerk



Mary Jane Phelps to Charles Mead Willis, son of Odgen E. Willis, performance engineer senior, Amos Plant, September 15.



Doris Jones to John C. Manning, son of Mary Manning, secretary, GO Customer Services, Roanoke, September 1.



Euna Muncy to A. D. Rosenbalm, retired lineman A at Gate City in Abingdon Division, August 17.

Kathy Graham to Larry Overbay, son of T. J. Overbay, Abingdon line crew supervisor NE, September 22.



Carma D. Walls, Charleston junior clerk, to Michael W. Slater, September 8.



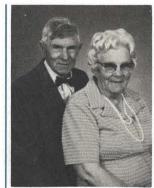
Rhonda G. Anderson, electric plant clerk C, GO Accounting, Roanoke, to Timothy Maxey, September 21.



Corrina Sue Briles to Dale A. Durst, Philip Sporn utility worker A, September 15.



Mary L. Turner, senior key entry operator, General Office Accounting, Roanoke, to Curtis Randall King, October 14.



Isaac and Ila Conner celebrated their 63rd wedding anniversary with a dinner in the social hall of the Fairview United Methodist Church, Roanoke, on September 30. Ike retired January 31, 1959, as a system stationman A in General Office T&D Station, Roanoke. The Conners have two sons, nine daughters, 47 grand-children and 48 great grandchildren. They reside in the Clearview Apartments, Vinton, Virginia.

BABY PARADE

Central Machine Shaun Michael Ryan, son of Carol Henshall, junior clerk, September 24.

Heather Rachelle, daughter of Robert F. Spencer, machinist 1st class, October 1.

Clinch River Donald Spencer and Douglas Shane, twin sons of Donald K. Scales, maintenance mechanic B, August 3.

General Office Brandon Wayne, son of Steven A. Ellison, transmission mechanic D, GO T&D Transmission, Bluefield, September 22.

Glen Lyn Amanda Renee, daughter of Larry D. Wiley, maintenance mechanic D, August

Kingsport Wilford Teddy, son of Wilford Gaines, line mechanic D. September 12.

Koanoke David Eric, son of Lynn B. Short, electrical engineer senior, Fieldale, October 10.



Grundy High School band members Mary Elizabeth, Katy and Rhonda Daniels, daughters of Ronnie Daniels, Grundy area service restorer and president of the Band Boosters, had the privilege of playing for Virginia Governor John Dalton when he dedicated United Coal Companies' new \$7.5 million coal preparation plant at Big Rock. Mary Elizabeth, left, plays saxophone; Katy, center, plays drums; and Rhonda, right, plays clarinet. Rhonda also plays trombone in the jazz band.

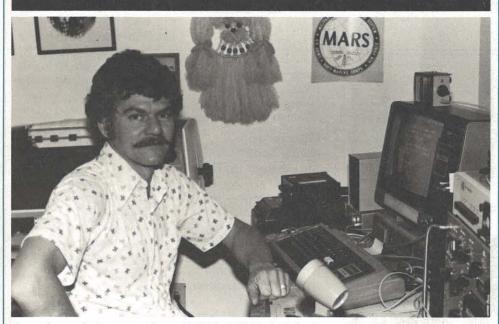


When R. L. "Bob" Rawlings wakes up in the morning, he doesn't worry about how much it will cost to drive his car that day. He just hops on his bicycle and pedals to work at the Kanawha River Plant one mile away from his home. Bob, a utility operator, says it cuts his travel time to five minutes because he would have to take a different route if he drove. Besides that, it's cheaper and gives him a chance to relax.



The Amos Plant social and recreational committee presented a \$100 check to the American Cancer Society. From left, Sam Cole, Putnam County assessor and chairman of the cancer crusade; N. L. Sowards, coal equipment operator and committee chairman; and Gregory Bird, assistant yard superintendent, treasurer.

MAN FROM MARS HELPS FAMILIES KEEP IN TOUCH



Considering he's a man from MARS, Bill Hickok looks and acts quite ordinary. He doesn't even pilot a spaceship or go around saying "take me to your leader." His messages are more likely to be encouraging words for a wife or mother, letting her know her husband or son arrived safely in some far-off place.

Bill, instrument maintenance supervisor at John E. Amos Plant, is a man from MARS because of his membership in the Air Force's Military Affiliated Radio System, from which MARS gets its name.

Bill was introduced to MARS two years ago by his brother, Jerry, who is active with the program in Dunn, North Carolina. Having spent many lonely hours in remote Alaskan installations while in the Air Force, Bill immediately took to the idea of providing a link through which service people can keep in touch with their families. (Most MARS traffic is for military people.)

Bill says, "I can't exactly explain what MARS is, but I'll tell you what it means to me. In the eight southeastern states alone, there are 1,000 amateurs who dedicate their time and equipment to this radio system, in addition to Army and Navy MARS people who operate in the same area. I suppose there are at least 3,000 amateurs in these eight states providing a tremendous amount of manpower to ensure 24-hour radio communications around the globe."

Actually, Bill explains, MARS is an extension of amateur radio capabilities. The system provides additional radio frequencies beyond those normally assigned to amateurs. This allows almost clear frequencies around the United States and throughout the world, even to ships at sea.

MARS members handle huge volumes of traffic during emergencies and disasters, such as floods and fires. They have mobile stations in vehicles and, Bill says, "It wouldn't take us but a few minutes to organize a complete disaster team if the need should arise. Once when we did, in 15 minutes we had 20 operators -90 percent of all the amateurs in Putnam County.

"But," Bill continues, "this is not our main purpose. This is a hobby and should be considered as such. The messages we deliver are good samaritan type things. For instance, we don't handle death messages. These, and other touchy traffic items, are left to the Red Cross, State Police and other, more appropriate, agencies."

MARS members are always busy on holidays, especially Christmas, when the air waves are filled with all sorts of greeting seeking outlets. Last Father's Day, Bill delivered five messages, including two from Alaska and one from Germany. He explains that he usually "hands off" the messages by telephone; but, if that is not feasible, he gets on the local amateur frequencies and passes them on to amateurs who are not affiliated with MARS but who are willing to help out. There is no cost to the caller, but operators try to limit messages to 25 words for the sake of clarity in relaying.

"It's a matter of integrity," says Bill. "We try to deliver all messages and we take the personal responsibility for doing so. We either deliver the traffic or get word back to the sender that we are unable to do so. Of course, as a last resort, we could mail the message, but the sending party could have done that in the first place."

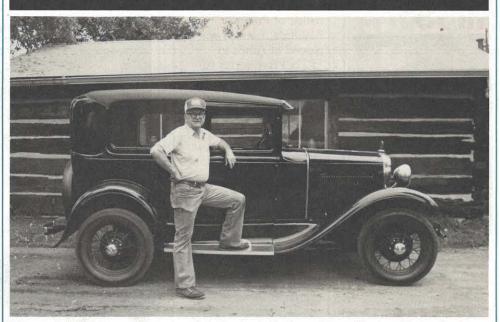
Asked if he was ever unable to deliver a message, Bill says, "no," he has been lucky. The only time he's ever had any trouble was when he got involved with the military. While he and his family were vacationing in Georgia, they found an item on the beach bearing an officer's name and serial number. Upon arriving home, Bill sent a message to MARS headquarters, trying to locate the individual by his serial number. He was rather dismayed when he received a reply saying the officer's social security number was needed.

Each year radio amateurs have a contest to test their emergency preparedness. This year the event was held on June 23. Setting up at noon, they went on the air at 4 PM and operated for 24 hours. Emergency power stations in the "boondocks" operated around the world. Says Bill, "We wanted to see how many contacts each person could make. I made 400 during the 18 hours I was on the air."

Helping people in need provides a lot of satisfaction to Bill, who says, "Just knowing that I was able to pass a piece of traffic about a new baby or tell someone's mother that he arrived safely, got new orders or will be home next week, and hearing the mother rejoice at the news, that's a big reward for me."

However, Bill thinks the system needs promotion among servicemen and women. During his own military service, Bill never heard of the MARS system. He thinks every G.I. should know about MARS and how to use it. "After all," he says, "it's there for the asking."

ELROY KAYLOR'S HOBBY IS RESTORING ANTIQUE CARS



"Restoring antique cars is a good investment," claims Elroy Kaylor, Philip Sporn maintenance supervisor, "but I really do it as a hobby."

He continues, "The first car I restored was a Model A. I needed something that would go over the road to my house, and this car was recommended to me. I bought it from a farmer for \$225 and used it to drive to work for about three years. I finally realized I had something that was worth restoring, so I started on the car when I became financially able."

"The hardest part about restoration was the body. It was rusty and in bad condition. I smoothed out the body and replaced some parts. I had some professional help in sandblasting and repainting the car." All his hard work paid off because he has won two first-place awards in antique car shows.

With the restoration of the Model A behind him, Elroy is now working on a 1933 Plymouth, which he bought from a widow in Athens, Ohio, for \$30.

ISNER'S SOFTBALL TEAM ADVANCES TO REGIONALS



The Cave Spring Senior League Softball All-Stars were managed by Dick Isner (back row, left). His daughter Joni (first row, left) led the team in batting.

The Cave Spring Senior League Softball All-Stars, managed by Dick Isner, Roanoke stores supervisor, compiled an impressive string of wins this year. Following successful regular play of 10 wins, 2 losses, the All-Stars captured the Roanoke Valley District Tournament over Salem's All-Stars in double elimination play.

Led by Joni Isner, Dick's daughter, the All-Stars advanced to the State Senior Softball Tournament at Norfolk, Virginia. They took the state championship title with impressive wins over Culpeper, Hampton and Mechanicsville, Va.

As state champs, the All-Stars advanced to competition at Norfolk in August. They scored wins over South Carolina, North Carolina and West Virginia to become Southern Regional Division 4 champs.

The team then advanced to the Southern Regional Senior Softball Tournament at St. Petersburg, Florida. The All-Stars lost their first game to Tennessee 5-4 and the second game to Texas 8-2 and were eliminated from competition.

Joni, who had a regular season batting average above .540, led her team in batting during tournament play with a .467 percentage. She had 21 hits, including nine doubles.

During the tournament play, the All-Stars scored 134 runs on 155 hits in 11 games. They ended the tournament series with a batting percentage of .410. This was Isner's sixth year of coaching softball.

FRIENDS WE'LL



Thomas H. Sayre, 75, retired vice president and chief counsel and secretary of the AEP Service Corporation, and secretary of each of the System operating companies, died October 18.

He started in 1922 as a draftsman for Interstate Power Company, which later became part of Appalachian Power Company, in Huntington, West Virginia. After doing civil engineering work in Charleston and Roanoke - most notably on Appalachian's 138,000 volt transmission network and the Claytor Dam project — he transferred to the AEP Service Corporation in New York in 1936. Sayre, who retired in 1969, leaves no immediate survivors.

Howard A. Cummins, 67, who was instrumental in organizing the historic Buckeye Project, died October 17 of an apparent heart attack in Columbus, Ohio.

Cummins was the retired executive manager of the Buckeye Power, Inc., which in the mid-1960s had joined with Ohio Power Company to plan, build and operate the 1.8-million-kilowatt Cardinal Plant at Brilliant, Ohio - the first development of its kind undertaken by an investor-owned electric utility and member owned rural electric cooperatives. Buckeye Power is the powersupply organization of Ohio's rural co-ops. Survivors include his widow Evelyn and two sons.

George W. Patterson, 57, maintenance mechanic C at John Amos Plant, died of an apparent heart attack September 24. A native of Prairie, Alabama, he was employed at Amos in 1971. Patterson is survived by his widow Josephine, 825 Barrett Drive, South Charleston, West Virginia; two sons and two daughters.



Willie Larry Dean, 89, former boiler operator A at the old Roanoke Steam Plant, died October 14. He was employed as a temporary operating room man B in the plant's Power Department in 1935 and worked intermittently for the company until being permanently laid off in November 1953. Dean is survived by his widow Lula, Route 2, Moneta, Virginia, a son and a daughter.



D. M. Davis, 59, Pearisburg area supervisor A in the Pulaski Division, died October 19. A native of Mayberry, West Virginia, he began his career in 1946 as a lineman C in the old Clinch Valley District. Davis is survived by his widow Stella, Route 1, Box 100 EC, Narrows, Virginia; one son, one daughter, four grand children, five brothers and four sisters.

Lyle Edward Lawrence, 41, Charleston line mechanic A. died October 28. A native of Owens, West Virginia, he began his career in 1967 as a lineman helper. Lawrence is survived by two sons and two daughters.

FARM WORK WILL OCCUPY RASNAKE



Gene Rasnake admires the gun cabinet given him by fellow employees in Lebanon.

"After carrying a dinner bucket for 40 years, I'm going to enjoy the change," claims Eugene Rasnake, who was a ground helper in the Lebanon area of Abingdon Division before retiring October 1.

Gene's career spanned 30 years, all of which were spent in the area he liked so well. A native of Russell County, Virginia, he started in the Clintwood area of the old Abingdon District, at that time a part of Bluefield Division.

Gene recalls that in those days, "There was no hot work done on the lines. All the work was done on de-energized and grounded lines. The crews worked both transmission and distribution."

He continues, "The equipment was not nearly as good as what we have now. In many instances the company would hire a team of mules from neighboring farmers just to set poles.'

Gene worked in the coal mines prior to joining Appalachian. When mine production went "slack", he 'knew a lot of the fellows at the company so I applied and got a job".

"The Rural Electrification Act had recently been passed and the company was building new lines as quickly as they could."

Gene notes, "The weather was always a major factor. In the '50s there was a snow and ice storm which caused customers in our service area to be interrupted for over a week. It was a real mess, but most people were very understanding and were pretty nice. People today have changed a lot. They just don't understand as well as they should.'

Gene has no particular plans for the future but feels that retirement will give him the opportunity to do more of the things he wants to, such as resuming bow hunting. Running his farm will also occupy some of his time. Gene's wife Sammy will continue working toward her bachelor's degree.



Winners in the annual Bluefield Division fall golf tournament, held at Fincastle Country Club, Bluefield, Va., are, l. to r., Tom Henley, division civil engineer, second place (73 net); Oscar Adams, customer services manager, first place (72 net); and Jim Harmon, Jr., engineering supervisor, third place

(Con't from page 9) Glen Lyn Donald A. Gerber, Jeffery K. Long, Robert L. Guy, and Nancy M. Wolfe, utility workers B.

Huntington

Jeffrey Scott Stephenson, chemist, AEP General Lab. R. D. Walters, engineering technician. O. G. Burd, custodian. R. F. Nibert, custodian, Point Pleasant. Belinda J. Marcum and D. W. McGowan, junior clerks. B. E. Lucas, W. L. Walker, H. L. Gue, P. D. Eaton, D. M. Compton, F. C. Cain and F. D. Ray, II, line mechanics D. D. A. Atkins, W. L. Nash and D. V. Williams, station mechanics D.

Kanawha River Daniel B. Korb, David L. White, Richard D. Harless, Beverly I. Wright, Gary W. Williams, Timmy R. Childers, and Eugene G. Bryant, utility workers

Kingsport Betty H. Carter, junior clerk. Cindy L. Lyon, tracer. Wilford Gaines, line mechanic D. Frederick J. Rutherford, meter reader.

Lynchburg J. G. Garrett, III, electrical engineer. Dawn E. Fesler, junior clerk. B. L. Habel, P. Gregory Thacker, George E. Wingfield, and W. D. Anderson, meter readers. Linda S. Arthur and Karen L. Bolling, junior clerks.

Mountaineer Construction Von W. Bernard and Michael A. Cullums, receiving/shipping inspectors II.

Pulaski R. D. Atkins, meter reader, Hillsville. W. T. Sizemore, electrical engineer. Mary B. Quesenberry, junior clerk. E. C. Newman, line mechanic D, Hillsville. R. M. Schronce, drafter C.

Roanoke Robin Bowling, junior clerk-temporary, Rocky Mount. Randy N. Hartberger, Steve M. Shelton, Curtis R. Thompson and Wesley E. McMillian, Michael R. Price, Theodore J. Lempeck, Reginald L. Gardner, Linda M. Barden, Patrick A. Myers, and

Ike B. Spangler, line mechanics D. Anthony W. Amos, Robert W. Ferris, Elizabeth A. Kasey, and Betty J. McClaugherty, meter readers. David F. Robertson, automotive mechanic C. James F. Wheeler, Jr., Kenneth W. Norman and Louis G. Norton, III, meter readers, Fieldale. Ronald J. Jefferson and John G. Rogers, line mechanics D, Fieldale. Wanda S. Turner, Martha R. Hunley, and Patricia D. Boyd, junior clerks. Lawrence D. Jackson and Thomas B. Lawlor, Jr., residential advisors.

Philip Sporn Ed Stewart, training coordinator. Robert Kosa, Robert Ohlinger, Kelly Hawk, Lawrence Pearce and John Ohlinger, utility workers. John Barton, Janet Cremeans, Jerry Johnson, William Martin, June Garnes and Calvin Engle, utility workers B. Tony Kopec, performance engineer. Roberta Dennis, plant clerk C. Vicky Bailey and Peggy O'Brien, chemist assistants.

PUAV ELECTS OFFICERS

Paul M. Horst, Jr., vice president of Potomac Edison Company, has been named president-elect of the Public Utilities Association of the Virginias. Horst will succeed E. L. Munday, Jr., as president on January 1, 1980. Munday retired November 1 as a vice president of Appalachian Power Company.

Also taking office in January will be O. C. Hall, executive vice president of Wheeling Electric Company, as PUAV's first vice president and Arthur W. Scheib, vice president of Monongahela Power Company, as the association's second vice president.

James B. Berg, assistant secretary and assistant treasurer of Appalachian Power Company, was reelected treasurer of the association. Morris E. McCrary, assistant accounting manager of Appalachian Power, was reelected to serve as assistant treasurer.

VETS RECEIVE SERVICE AWARDS



Mary Jamison Payroll Rec. Supv. GO-Roanoke 35 Years



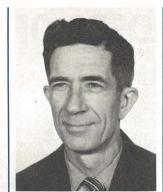
E. H. Keefer Chemist Philip Sporn 30 Years



Albert Lewis, Jr. T&D Clerk A Huntington 30 Years



F. R. Scholl Meter Serv. Mech. A. Charleston 30 Years



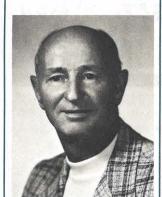
W. F. Chadwell Maintenance Supv. Philip Sporn 30 Years



T. L. Humphries Commercial Rep. Beckley 30 Years



Bonnie Evans Cust. Acctg. Supv. Beckley 30 Years



Charles Flint Area Service Restorer Beckley 30 Years



C. E. Pate Line Mechanic A Beckley 25 Years



K. T. Triplett Eng. Technician Sr. Lynchburg 20 Years

John Amos 5 Years: B. H. Grimm, maintenance mechanic B.

Beckley 10 Years: D. R. Vest, administrative assistant.

Bluefield 10 Years: Jessie L. Foster, meter reader. Johnnie P. Ratliff, line mechanic A. Harry T. Street, automotive mechanic A.

Central Machine 5 Years: Steven B. Stotts, welder 1st class. Fred A. Stotts, production supervisor. Gary L. Reed, winder 1st class. Paul G. Johnson, machinist 1st class.

Charleston
10 Years: J. A. Perry,
line mechanic B. J. E.
Hicks, line mechanic
B. H. J. Jones, Jr.,
drafter C. C. E. Bias,
personnel assistant.
B. H. Selbe, area service restorer. D. B.
Thayer, line mechanic
B.

Clinch River
10 Years: Terry R.
Saddler, maintenance
mechanic B. James E.
Pratt, maintenance
mechanic B. 5 Years:
John Henry Smith,
maintenance mechanic

General Office 10 Years: Susan Altizer, personnel clerk A, GO Personnel, Roanoke. J. A. Bethel, reproduction machine operator, GO General Services, Roanoke. H. L. Davis, station mechanic A, GO T&D Station, Roanoke. S. L. Jamison, employee relations administrator, GO Personnel, Roanoke. R. J. Robinson, environmental engineer, GO Executive, Roanoke. G. T. Taylor, transmission clerk A, GO T&D Transmission, Bluefield.

Glen Lyn 10 Years: G. E. Kingrea, chemist assistant.

Huntington 15 Years: C. E. Brown, auto mechanic A. 10 Years: J. M. Jordan, electrical engineer

Pulaski 10 Years: K. P. Hilton, automotive mechanic A. D. Irvin, meter reader.

Roanoke 10 Years: Gary Sheppard, line mechanic A.

HODGES CLOSES 32-YEAR CAREER



"I have two beautiful bird dogs, and bird hunting and fishing will occupy much of my time after retirement," says Curtis Hodges, who retired November 1 as general utility worker in Roanoke.

Prior to joining Appalachian in 1947, Curtis worked for Johnson Carper Furniture Company, Radford Arsenal, Virginia Bridge Works and an orchard supply company in Roanoke. It was the late Howard Roop who encouraged Curtis to seek a job at Appalachian. "Howard, a friend of mine, told me to go to the old Roanoke Steam Plant because they might be looking for someone there. Dave Plaine, then plant superintendent, and Bill Smith, foreman, interviewed me. By the time I got home they had called me to go to work. I took my physical that same day and the following day went to work in the steam plant."

Curtis recalls several incidents which occurred over the years. "Once during my days at the steam plant, some of the firemen went to sleep and let the water get low in the boiler. All of a sudden it really started popping and cracking. It was scary and it had everybody jumping around until the water level came up. We were all afraid she was gonna blow!"

He adds, "We had a crane that brought the coal into the plant, and Buck Guthrie, the crane operator, laughs every time we talk about this. I was on top of the walkway over the coal hoppers and wanted some fresh water. I dumped the container down through the air and old pipes, and it stirred up the coal dust that had settled on the pipes over the years. You couldn't see the bottom for five minutes or more. When it did clear, Buck began laughing. Both Dave Plaine and Bill Smith were standing below when I poured that water out. Dave had on a white panama hat and white shirt, and the wet coal dust had covered them up. To this day, Buck says I did it on purpose, but I didn't. I was afraid to come down. At quitting time I stepped down from above real easy, thinking nobody would catch me. Dave Plaine was waiting on me though. I told him how sorry I was and that I couldn't help it. He still reamed me out

good." Curtis transferred to the line gang after the steam plant closed. He recalls this bit of humor: "Guy Funk, now Roanoke garage supervisor, and I were digging a pole hole. We used dynamite to blow it out. After we finished there were two sticks left, and Guy wanted to tie them to a little old pine tree and set them off. I told him we probably shouldn't do it, but he decided to anyway. We only had about 50 feet of lead wire, and I got as far away as I could. Guy let 'er go and he couldn't hear for a week."

Curtis and his wife Flossie are thinking about taking a trip to the Bahamas following his retirement. They have four children and five grandchildren.

WELLS HEADS FOR FLORIDA



For the first time in 39 years, working in ice and snow isn't going to bother R. Earl Wells. Earl, who retired November 1 as station crew supervisor in Kingsport, and his wife Lillian will spend this winter in Florida with his brother.

A native of Greeneville, Tennessee, Earl began his career in 1940 as a meter reader and transferred to the Station Department three years later. He was promoted in 1978 to the position he held at retirement.

Earl notes, "The greatest change in working conditions that I have noticed since joining the company is the reduced amount of manual labor that is required. For example, we used to move large transformers into place with jacks and timbers, but now this work is done by large cranes. We still do the same work, but it is much easier."

In his spare time, Earl

enjoys gardening, fishing, politicking and attending major league baseball games in Atlanta, Washington, D.C., and Cincinnati. A member of the Lynn Garden Optimist Club, he has served as boys work commitee chairman. He is also a member of the Sullivan County Democratic organization and the United Commercial Travelers. Earl's immediate plans include helping his son in his various businesses and working for the Democratic party in the upcoming elections.

Earl and Lillian have five children and 11 grandchildren.



Nearly 800 people visited Kingsport Power Company's energy-saving test home during public open house recently. Located in the City View Subdivision, the home was constructed by Kingsport Builder Frank Johnson for the Rev. and Mrs. Steve Ray.

Thermal insulation, from the foundation up, is a major cost-cutting feature of the test home. Carl Bacon, Kingsport customer services manager, said heat loss in the house is expected to be 60 percent lower than in a conventionally insulated house. The energy-saving innovations are expected to save the Rays about \$110 a year on their electric bills. The superior insulation also reduced the size and cost of the heating and cooling facilities in the test home, resulting in a \$600 saving in equipment.

A three-piece, high-efficiency heat pump provides cool air in summer and warm air in winter. The 52-gallon water heater is equipped with a "hot shot" which prewarms the water, using waste heat from the heat pump.

The home's electric appliances have a high rating for energy efficiency. Dimmer controls installed on lighting circuits will save energy and add life to light bulbs. Fluorescent lighting used in the kitchen produces three times more light than incandescent bulbs of the same wattage.

The living room fireplace contains air-intake pipes to supply oxygen for the fire, to keep the blaze from pulling cold air in around windows and doors. And exhaust fans in the bathroom ceiling vent directly to the outside to prevent moisture buildup between ceiling and roof.

The house is equipped with storm windows and wood-framed sliding thermopane glass doors which resist condensation and frost. Exterior doors are of foam-filled metal.

At the foundation, cap blocks are topped with fiberglass sill insulation to cut air infiltration.

Wall sections are of solid two-by-four construction with 3% inch fiberglass batt, covered with special sheeting to give extra protection from outside temperatures. The materials give the walls a "resistance factor" equivalent to a 6-inch batt insulation, Bacon said.

Brick wall areas are backed by 3- to 4-inch foam insulation covered on each side with reflective foil. Insulation measures 12 inches in the ceiling and six inches in the floor. Conventional houses normally have eight inches of insulation in the ceiling and three inches in the walls.

During the next two years, separate meters will record the amount of electricity used by the water heater, clothes dryer, oven and surface units and the heat pump. At the end of the test period, the data collected will be made available to the public and to other utilities across the country.

The test home is one of ten energy efficient test homes being sponsored by the American Electric Power System to demonstrate power conservation methods. The houses vary in architecture and space heating systems.

Bulk Rate S. Postage

ADDRESS CORRECTION REQUESTE Appalachian Power Company Roanoke, Virginia 24022 DO NOT FORWARD ATT. POSTMASTER

KINGSPORT OPENS TEST HOME GRUNDY HOSTS OPEN HOUSE



The sun was shining brightly in Grundy, Virginia, on October 19. But not as brightly as the smiles on the faces of Appalachian Power employees who welcomed some 400 visitors during open house at their new office.

The move from the old office in downtown Grundy to the new building on Route 460 west toward Harman, Va., was completed September 10. The move to new quarters had been eagerly awaited for many years by the 26 employees headquartered in Grundy, and it was obvious to all who came that they are extremely proud of their new facilities.

The Grundy office serves more than 13,000 customers in Buchanan County and small portions of Tazewell, Russell and Dickenson counties. In this area of the Bluefield Division there are 740 miles of distribution line, including three high voltage transmission networks and 16 substations.

W. B. Belchee, Bluefield division manager, stated, "These facilities are dedicated to all the people we serve. They will help us to meet customer service requirements more efficiently now and in the future as well as provide a more attractive and pleasant atmosphere for customers and employees.

Site preparation for the new facility began in the spring of 1978 and the project was completed this September. The 15,000-square-foot building was designed by Chapman-Wirt-Wolfe Associates of Wytheville, Va. The building, situated on a four-acre tract of land in the western corporate limits of Grundy, was constructed by Richard E. Phillippi, Inc., also of Wytheville.

Half of the total area is utilized for storeroom and garage facilities, with the other half used for customer services and transmission and distribution office space. The building also has a community room which is available for community functions by appointment.

The panelized metal building with decorative brick face is constructed on a concrete slab and heated and cooled centrally with electric heat pumps. An outside storage building houses line trucks and equipment, and there are open storage facilities for poles, hardware and transformers.

CHORUS PERFORMS FOR



What more appropriate place to perform a "Down South" musical program than Atlanta, Georgia? That's what members of the Appalachian Chorus thought when they decided on the city for their annual out-of-town tour.

The Chorus, composed of more than 20 General Office and Roanoke Division employees, performed at the Atlanta Regional Veterans Administration Hospital over a recent weekend. They also spent some time touring the city and "Six Flags Over Georgia".

The "Down South" concert, under the direction of Helen Honaker, secretarystenographer in GO T&D, consisted of traditional southern music. The female members were costumed in pastel dresses with hoops and lacy parasols, and the male members donned white derby hats and canes. In the second half of the concert, the ladies added feather boas and net gloves to their costume.

A Dixieland band, consisting of clarinets, trumpets and trombones, was also featured in the concert. The band was formed by Paul Bernard, operations coordinator, GO Operations, and Fred Hornbeck, methods engineer, GO Executive.

To defray expenses for music and costumes, the Chorus boosters held a bake sale and sold tapes of the Choir, made by Retiree Jim Mundy.

In addition to concerts for Roanoke employees, the Chorus has also performed for employees in the Pulaski and Bluefield Divisions. During this past summer they held several outdoor concerts around Roanoke as well as in nursing homes.