

AEP PRESIDENT PATTERSON STEPS DOWN

George Patterson's comings and goings on American Electric Power's New York scene tend to attract attention.

In December 1960, when he arrived from Ohio Power Company to take up his new job as assistant to the executive vice president of the Service Corporation, New York City was shuddering under 18 inches of snow, and he remembers that 12 to 15 people, including himself, were present for work (even though he didn't get in until after lunch). And, of course, everyone knows what happened to New York's lights just two weeks before his retirement on July 31 as president of the Service Corporation. Thirty people showed up for work that day, which shows progress.

It would be out of character, however, for Patterson to claim credit for that progress. A man whose goal — "to do the best job I can" — is the same today as when he began as an Ohio Power meterman in 1935, Patterson is a great one for giving subordinates as much freedom as they need to get the task done.

Maintaining a low-key style is a function of his nature. One long-time associate says Patterson is "unflappable." Another says he is "level-headed." Still another, "fair-minded."

An engineering graduate of The Ohio State University (and a holder of the Distinguished Alumnus Award from that school's College of Engineering), he likes to figure things out in a deliberate fashion: he once took two days to decide to approve a requisition for a new typewriter for his secretary; and spent, along with others, some six months judging the merits of the idea that later flowered into the remarkable Cardinal Project.

Although that 1962 marriage between Ohio Power Company and the electric co-operatives serving Ohio — an unlikely union in those days — shook up the utility industry, Patterson characteristically downplays its significance. "It was right for that time and place," he says.

If that remark suggests flexibility, then flexibility is another trait of the man who was the chief operating officer of one of the nation's outstanding electric utilities. "I believe in having fun and enjoying your work, and that comes when you adapt successfully to changing times and changing climates. Ten years ago, we were out to build sales: our goal was more kilowatt-hours. Today our goal is to maintain at a minimum cost the facilities to meet whatever load comes. Today our job is educating the public to the realities of energy."

As if to compensate for the low-key, adaptable style that brought him not only to the presidency of AEP and its Service Corporation but also to 57 other elective posts on the System, Patterson perhaps unconsciously tends to gravitate towards certain rituals outside of work (with the exception, of course, of the rituals of the board room). For example, he is a pipe smoker, a breed notoriously addicted to rite: the scraping, the filling, the tamping and the lighting. He keeps only one or two pipes at a time, but smokes them until they burn out or disintegrate. When he left his 2 Broadway office, one pipe was held together with cellophane tape and another was not far behind. He long ago gave up experimenting with tobaccos, having smoked Sir Walter Raleigh for a quarter of a century.

A former administrative assistant to Patterson (three of whom subsequently became Sloan Fellows at Massachusetts Institute of Technology, possible because, as Patterson says drily, they tended to have "a high degree of exposure") once said that he used to count the puffs coming from the pipe to get some measure of the puffer's state of temper, like taking some smoky pulse. Low number: all's well. High number: stay clear.

High numbers in Patterson's ordered, ritualistic world were bad news indeed. Golf is what makes Patterson



go 'round, the one constant in the back-and-forth world of commuting and the ups-and-downs of the utility business, and high numbers in golf are definitely not welcome.

One day, years ago, when he was working for Ohio Power in Lancaster, the people in the General Office in Canton couldn't find him. Says one observer, "That was because they didn't know where to look: they wouldn't make that mistake today." Patterson's devotion to the game is legendary among friends and associates. A lawyer friend in Canton once drew up a seven-page agreement setting out the terms and conditions of matches to be played between them in Barbados, one of Patterson's favorite vacation spots. His goal, now that retirement has come, and with it, presumably, more opportunity to play, is to "break 90" regularly.

Looking back past the greens and pipe smoke and board meetings, beyond blackouts and commuting from New Jersey, Patterson sees a career of more than 42 years, the first 25 with Ohio Power, the rest with the Service Corporation.

In Ohio, in 1935, he went into sales after a brief tour as meterman, and worked in Canton (twice), Newark, Lancaster (twice) and Crooksville. Early in his career in Canton he worked for Charlie Morin, who was the Woody Hayes of the commercial and industrial sales game. Patterson himself later headed that department until he was moved to Ohio Power's executive staff. He was assistant general manager when he moved to New York. With the Service Corporation he was assistant to, and later, was the executive vice president — operations. At the end of 1972 he was elected president and chief operating officer, and in mid-1975, vice-chairman. In February 1976, upon the election of W. S. White, Jr. to chairman of the board, Patterson agreed to stay on for a year after his normal retirement date to help his one-time administrative assistant ease into his new responsibilities. At the same time, however, he relinquished his vice chairmanship.

"I was never offered a job I didn't take," Patterson declares, "And I had fun and enjoyed them." Today, he says, he sees people who want a computer printout for their future; his advice: take every opportunity and don't wait for guarantees. After all, it worked pretty well for him.

Now, he says, the AEP System has the management and leadership to last it a long time; and Patterson himself, so long a part of it, is satisfied to sit back "and watch the parade." He and his wife will keep their home in New Jersey, where one married daughter and her husband and three children live, but there will be travel to Virginia, where the other daughter and her husband live; and to the Caribbean, and to all the golf courses in between.

APCO AWAITS COURT ORDER ON CABIN CREEK

As *The Illuminator* went to press, Appalachian was awaiting a preliminary injunction prohibiting the West Virginia Public Service Commission from enforcing its order that the Cabin Creek Plant be kept on standby. Following two days of hearings on June 23 and 27, the court took this matter under consideration, and the company was advised on July 21 that the court planned to grant the company's request.

On June 30, the PSC issued an order permitting APCo to temporarily close the plant on July 1 but denied the company's request to put the plant in a "deactivated reserve status" until these conditions are met: (1) resumption of full electric generation of John Amos unit 2; (2) the beginning of full generation of Cardinal unit 3; (3) notification to the Commission of these two events; (4) the issuance of an appropriate order by the Commission relating to the effect of the closing of Cabin Creek on Appalachian's rates and charges to its West Virginia customers; and (5) the issuance of a final order in this matter. The order stated, "It is the intention of this Commission that the Cabin Creek Plant be in a state of readiness to generate electricity upon notice of two to four hours".

Since the company has been operating Cabin Creek under a compliance plan approved by the West Virginia Air Pollution Control Commission in 1973, calling for the plant to achieve compliance by closing no later than July 1, 1977, Appalachian found itself in a dilemma as to which regulatory body to obey.

Late July 1, Appalachian sought and received from the United States District Court for the Southern District of West Virginia a temporary restraining order under which the company was not obligated to comply with the PSC order. When the preliminary injunction is granted, it will remain in effect until a permanent injunction is issued or until the case is closed.

Pending settlement of this litigation, Cabin Creek's 75 employees must continue to man the plant.

B&W TO BUILD ROCKPORT BOILERS

Babcock & Wilcox Company will furnish two giant, coal-fired boilers for the American Electric Power System's newest power plant, to be built on the Ohio River at Rockport, Indiana.

Announcement of the order for the two 26-story-high steam generators, which will serve the two 1.3-million-kilowatt generating units to be built by Indiana & Michigan Electric Company, was made last month. Delivery of the first boiler is scheduled for the spring of 1979; the second, a year later.

No larger boilers have ever been built. The two new ones will be the AEP System's fifth and sixth of their size, and the seventh and eighth ever built. Two are operating at Ohio Power Company's General James M. Gavin Plant, one is in operation at Appalachian Power Company's John E. Amos Plant, and one is under construction at Appalachian's new generating station at New Haven, West Virginia. The federal government's Tennessee Valley Authority has the other two.

Work on the boilers will be performed at six B&W plants: in Barberton and Canton, Ohio; West Point, Mississippi; Paris, Texas; Brunswick, Georgia; and Wilmington, North Carolina.

THE ILLUMINATOR

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HIGGINS NAMED FIELDALE MANAGER



Joe D. Higgins, Beckley customer services manager, has been named manager of the Fieldale area of Roanoke Division, effective September 1. He succeeds J. R. Davenport, who became Lynchburg division manager on July 1.

An engineering graduate of Virginia Polytechnic Institute and State University, Higgins began his career in 1950 as an engineer trainee in Roanoke. He moved to the then Fieldale District that same year as area sales representative. He advanced through the positions of commercial sales engineer, power sales engineer and division power sales engineer before being promoted to heating and builder sales coordinator in Roanoke in 1967. The following year he became General Office commercial sales engineer and moved to Beckley in 1970 as sales manager. He was promoted to customer services manager in 1974.

Higgins has also attended Roanoke College and the American Electric Power Management Training Program at the University of Michigan.

SAFE WORKERS

The General Office Accounting Department employees completed 4,500,000 consecutive manhours without a disabling injury at 9 AM on July 25. The record for these 184 employees began on September 3, 1964, and is continuing.

THE SCRUBBER CONTROVERSY

EPA: SCRUBBERS ARE THE ANSWER

The following is taken verbatim from a recent press release issued by the U. S. Environmental Protection Agency:

EPA Administrator Douglas M. Costle said today that nearly three times more scrubbers are being planned, built or operated now by power companies to control sulfur-oxide air pollution than there were in 1973.

Costle cited figures from a bi-monthly EPA publication, "Summary Report — Flue-Gas-Desulfurization Systems — November-December 1976," showing that 51 electric power companies have now installed or are building or planning 122 scrubber (flue-gas-desulfurization) systems. This is a 280 percent increase over the 44 systems planned, in construction or installed by 24 companies in fall 1973, when EPA held special hearings on actions necessary to bring power plants into compliance with sulfur oxide air-pollution standards.

The 122 scrubbers will control SO₂ emissions from the generation of nearly 50-million kilowatts of power. This is over halfway towards meeting a goal of 90-million kw of scrubber control which EPA estimates will be needed to meet SO₂-emission standards by late 1980.

"Power plants are this country's biggest source of sulfur-oxide emissions," Costle said, "and scrubbers are one of the best methods we have for controlling this harmful pollutant.

"In the last five years, scrubber systems have been substantially refined and improved," he said. "Scrubbers are now sold by at least 13 reputable U. S. firms, and many variations of the basic process are being developed. Operational experience has shown that most scrubbers can remove 80 percent or more sulfur oxides from plant emissions, and do so reliably.

"EPA is aware of the problems some power plants face in converting to FGD systems. Scrubbers are expensive to install and operate, and some equipment problems have arisen in use. We feel, however, that much progress has been made in eliminating the problems; we also believe that the costs of scrubber installation and operations are reasonable in the long run."

AEP: SCRUBBERS ARE A FAILURE

Sam Ruggeri is a member of the staff of the AEP Service Corporation's Environmental Engineering Division, Canton, and the AEP System's resident expert in flue-gas-desulfurization systems. Here is his assessment of the present status, three-and-a-half years later, of the 44 FGD projects cited by the EPA at that time.

- Fourteen of the 44 have become "operational," having achieved varying degrees of "success."
- One, however, consumed itself and is being replaced by a different scrubber.
- Four are about to start up.
- One, due to start up in 1975, is still under construction.
- One has been delayed because of a fire in the scrubber (the second in that manufacturer's facilities).
- One was changed from an SO₂ scrubber to a particulate scrubber for use with low-sulfur coal.
- Four were only test scrubbers and have been shut down.
- Two were failures and were abandoned.
- One had already been abandoned at the time of the EPA report but was included anyhow.
- One was shut down due to a lack of re-generation facilities and has not yet been re-started.
- One is being re-evaluated, with the probability that it will not be installed because sludge disposal would be in a flood plain and the state refuses to issue a permit for construction of a scrubber.

- Two were canceled and never built.
- And 11 still have not been committed and probably will never be constructed.

In summary, Ruggeri's review showed that over half of the 44 scrubbers either failed, were only test units or were abandoned. "In fact, all of the 122 scrubbers (cited by EPA Administrator Costle in his recent press announcement) will not be built, and those that are built will not operate well for some time to come," Ruggeri concluded.

SHAREOWNERS TOLD: A LOT OF MONEY, A LOT OF WASTE

(Note: Following is a statement of AEP's position on scrubbers, reprinted from the June 10 Report to Shareowners.)

American Electric Power, being a major supplier of energy, has a very large stake in the success or failure of the nation's emerging energy program. We have had a keen interest in the President's proposals, have studied them long and hard, and, as a consequence, fully expect to participate in the debate that will be taking place across the country — and especially in the Congress — over the coming months, particularly with respect to those parts of the program of significance to AEP and the 6.2-million people we serve.

One issue in the President's program stands out like a sore thumb. It has to do with the technology to be used by coal-burning power plants to meet air-quality standards. The language of the proposal in question calls for "the installation of the best available control technology in all new coal-fired plants, including those that burn low-sulfur coal." This means one thing: the required installation of flue-gas desulfurization systems, commonly called scrubbers, for the removal of sulfur oxides from a plant's gaseous emissions.

We strenuously oppose any such mandate for the following reasons:

1. Scrubbers are not needed to protect health when other, more reliable methods are available. We are already complying with sulfur limitations by burning low-sulfur coal.
2. Scrubbers are costly to install and operate, and would unnecessarily increase the price of electricity. We estimate that the installation of such devices at one major new power plant, not yet built, would raise its production cost by seven mills per kilowatthour. This would increase the average residential customer's annual bill by \$73 or more than 25%.
3. The national price tag for scrubbers has been estimated at \$3.5 billion per year by 1985 by the Edison Electric Institute. Such expenditures, largely unnecessary, would reduce the already limited funds available to build and operate the new power plants needed to expand our supply of electric energy if we are to avert a serious shortage around the corner.
4. Scrubber technology has not yet been developed for use with generating units of the size (1.3-million kw) employed by the AEP System, while the performance of scrubbers on smaller units has been far from satisfactory. Also, their operation, as well as their maintenance, further reduces the available power supply.
5. Scrubbers create a byproduct waste that, in itself, is a major environmental headache.
6. Finally, it is more feasible to devote research and development efforts to perfecting the technology to remove sulfur from coal *before* it is burned rather than from the emissions *after* it is burned.

In a word, scrubbers in most cases just don't make sense.

PATTERSON IS LAST PRESIDENT

With the July 31 retirement of George V. Patterson as president of American Electric Power Company and its subsidiary, American Electric Power Service Corporation, these positions will not be filled, Chairman W. S. White, Jr. has announced.

"This is in accord with our plans, introduced in October 1975, establishing the 'office of the chairman' for the management of the AEP System," White explained. The concept of "office of the chairman" provides that the top policy body of the Service Corporation, the management arm of the System, be comprised of the chairman and chief executive officer and several vice chairmen designated to be responsible for broad functional areas. As president, Patterson had operated as a part of the office of the chairman.

White also announced that Frank N. Bien, vice chairman — operations of the Service Corporation, on August 1 assumed, with one exception, those responsibilities previously handled by Patterson. The exception is the System Planning Department, which now will report to Chairman White.

Three months hence, with the scheduled October 31 retirement of Herbert B. Cohn, vice chairman and chief administrative officer, the "office of the chairman" will include four principal officers: Chairman White and Richard E. Disbrow, John Tillinghast and Bien, vice chairmen.

Patterson was the sixth president of the AEP Company and the fourth president of the Service Corporation. His predecessors at the helm of the parent company were: H. L. Doherty, 1907-10; R. E. Breed, 1910-23; George N. Tidd, 1923-47; Philip Sporn, 1947-61, and Donald C. Cook, 1961-72. Tidd, Sporn and Cook also preceded Patterson as president of the Service Corporation.

CBS WILL AIR ENERGY REPORT

CBS News will pre-empt its entire nighttime schedule on the CBS television network from 8 to 11 p.m. EDT Wednesday, August 31, to present a special report, "Where We Stand: Energy".

The program will be anchored by Walter Cronkite, with participation by more than a dozen CBS News correspondents.

The three-hour broadcast will examine the contention that there is plenty of energy for the foreseeable future and the contention that President Carter's National Energy Plan is either not necessary because it overstates the crisis or that it is unworkable and the solution should be left to private enterprise. The broadcast also will assess energy supplies worldwide and examine the Carter legislative proposals as of August 31.

Topics to be included in the broadcast are: oil, natural gas, coal, nuclear energy, conservation, transportation and future energy sources.

DEMAND SOARS WITH HEAT

Unseasonably hot weather resulted in Appalachian Power Company customers establishing new all-time one hour summer peak demands for electricity for three consecutive days in late July.

On July 18, for the hour ending 1 PM, customer demand was 3,514,000 kilowatts. This was 2.86% above the previous all-time summer high of 3,416,000 kilowatts, set at 1 PM, August 25, 1976.

On July 19, for the hour ending 2 PM, customer demand broke the previous day's record with 3,514,000 kilowatts. Customers also used more electricity that day than on any previous summer day. They used 70,708,000 kilowatthours, an 8% increase over the previous high summer day of August 26, 1976.

Again on July 20, a new peak demand of 3,603,000 kilowatts was set at 3 PM.

BOWERS EARNS CPS RATING



Shirley F. Bowers, secretary in the General Office Real Estate and Right of Way Department, Roanoke, has attained the rating of Certified Professional Secretary. She passed the six-part, two-day examination on the first sitting, a difficult accomplishment. The exam is administered annually by the Institute for Certifying Secretaries, a department of the National Secretaries Association (International).

Shirley says, "I heard some other girls had received their grades in the mail, so I called home to see if mine had come. When my daughter Rhonda opened the letter, she said, 'Mother, you don't have any grades'. I said, 'What do you mean I don't have any grades'. I just couldn't believe I'd passed on the first sitting. I had expected to pass maybe one or two parts. In fact, I called back three times to see what the letter said before I began to believe it. By this time, I was crying and everybody in the office knew about it."

BOND SALES UP

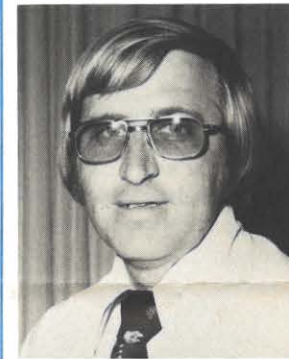
Appalachian Power's 1977 Savings Bond campaign was the most successful ever, according to R. A. Youngman, general services supervisor, who served as chairman.

Youngman reveals that 179 employees enrolled for the first time and 137 others increased the amount being withheld from their paychecks. Some 2,025 or 51.64% of the 3,921 APCo employees are enrolled in the Savings Bond program. This is the third consecutive year participation exceeded 50%.

MOVING UP



Samuel N. Burchette, former assistant transmission superintendent, was promoted to transmission superintendent in the General Office T&D Transmission Section, Bluefield, effective August 1. He succeeds R. J. Fisher, who retired. Burchette attended Bluefield College and the American Electric Power Management Training Program at the University of Michigan.



C. D. Via, former customer accounts representative at Christiansburg in the Pulaski Division, was promoted to auditing assistant, AEP Service Corporation, effective July 15. His base of operations will continue to be in Christiansburg. He holds a BS degree from East Tennessee State University.



J. L. Weddle, former Pulaski power engineer, was promoted to area supervisor at Marion in the Abingdon Division, effective August 1. He succeeds C. A. Burchette, Jr., who was promoted earlier. Weddle holds a BS degree in electrical engineering from Virginia Polytechnic Institute and State University and is a registered professional engineer in Virginia.



Paul D. Slack, former T&D clerk at Montgomery in the Charleston Division, was promoted to office and stores supervisor at Central Machine Shop, effective July 1. He succeeds David L. Graber, who transferred to Ohio Power Company's Muskingum River Plant. Slack attended Morris Harvey College.



H. M. Jennings, former right of way agent, was promoted to Pulaski Division records supervisor, effective August 1. He succeeds William Hulme, who retired.



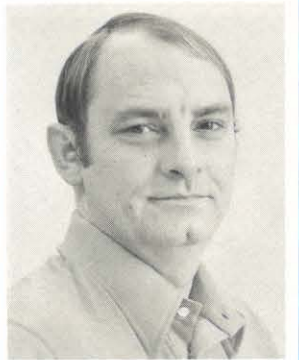
G. S. Bruce, former T&D clerk A, was promoted to line inspector in Pulaski, effective July 1.



R. K. Sizemore, former electrical engineer, was promoted to relay engineer senior in the General Office T&D Station Section, Charleston, effective July 1. He attended West Virginia Institute of Technology.



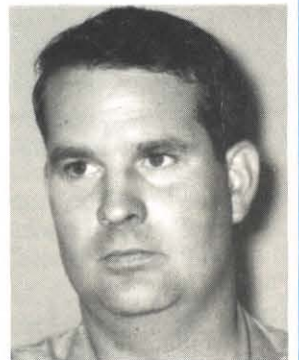
Richard J. Street, Jr., former electrical engineer senior at Fieldale in the Roanoke Division, was promoted to distribution engineer senior in General Office T&D, Roanoke, effective July 1.



James R. Cottrill, Jr., former maintenance man A, was promoted to maintenance foreman at John E. Amos Plant, effective July 1.



Michael D. Toler, former maintenance man A, was promoted to maintenance foreman at John E. Amos Plant, effective July 1. He attended West Virginia Institute of Technology.



Charles D. Vannatter, former maintenance man A, was promoted to maintenance foreman at John E. Amos Plant, effective July 1.

POWER PEOPLE MAKING NEWS

Abingdon

Retired Customer Services Manager **Paul Kelsey** was named industrial committee chairman of the fund drive for the new Abingdon Senior Citizens Center.



Six-year-old **Catherine Lynne Cook** was crowned "Future Little Miss Washington County". Seventy-two girls competed in four age categories in the pageant sponsored by Sabrena's Twirllette group. The daughter of Jim Cook, stationman C, Cathy also received the "prettiest legs award" in the Tiny Miss Bathing Beauty Pageant in Bristol, Va.



Shelia Gill was first runner-up in the Wee Miss Bathing Beauty Pageant in Bristol, Va. **Trevor Gill** received a \$25 first place award at a Gong Show at Meadowview Elementary School. The event celebrated Washington County's homecoming. Trevor, dressed as a cowboy, sang, "Heard It In A Love Song". They are the children of R. A. Gill, stores attendant.



Charles Sheffey, son of Engineering Supervisor R. A. Sheffey, Jr., was presented WBBI Radio Station's Outstanding Golfer Award at Abingdon High School's annual sports banquet.



Scott Gregory, son of Roy Gregory, line foreman on LTD leave, was chosen as most improved sophomore on the Falcon football team. He received a letter during his freshman year at the school and was an outstanding back on the varsity squad.

Beckley



Stephanie Kirby, daughter of J. A. Kirby, T&D clerk A, was selected by the Beckley Kiwanis Club to represent Woodrow Wilson High School at Mountaineer Girls' State. A rising senior, Stephanie was also selected for the All-County Band.



Carol Loudermilk, daughter of R. L. Loudermilk, commercial engineer, was chosen to represent Raleigh County at the 4-H National Citizenship Short Course at Chevy Chase, Maryland. A senior at Woodrow Wilson High and a

member of the Old Timers 4-H Club, Carol was one of 12 students from the State of West Virginia to attend the course, designed to acquaint young people with government and how it works.

Bluefield



Dawn Sheree Crotty won the title of West Virginia All American Girl and will represent the state in the first national All American Girl pageant at Memphis, Tennessee, this month. In the state pageant, she was also awarded a trophy for sportswear and voice. She is the daughter of Arnold Crotty, draftsman senior.



Surveyor **Thomas W. Cahill** was selected as the West Virginia Army National Guard's "soldier of the year". Sgt. Cahill is a member of Headquarters Company, 1st Squadron, 150th Armored Cavalry of Bluefield. He was presented the Governor's Trophy and a military dress blue uniform.



Thomas B. Henly, civil engineer, was installed as president of the Bluefield Lions Club.



Onsbie Yates, customer accounting supervisor, was installed as president of the Grundy Rotary Club.

Jim Looney, line foreman NE, was installed as 2nd vice president of the Grundy Lions.

Jean Belchee, wife of Division Manager W. B. Belchee, was installed as first vice president of the McGuffey Book Club.

Lia Pais, residential advisor, and **Marilyn W. Lackey**, director of college relations at Concord College and daughter of Retiree Earle Wood, served as judges for the McDowell County Fifth Annual Home Economics Fair.

For their entries in the fair, **Chevelle Pounds**, daughter of Frederick Pounds, lineman helper, won two blue ribbons; **Rhonda Stover**, daughter of Dean Stover, line inspector, won two blue ribbons; and **Kathy Kendrick**, daughter of Dave Kendrick, Welch area superintendent, won one blue ribbon.

Central Machine



K. L. McDaniel, personnel supervisor, was elected to a two-year term on the Hurricane City Council. He has served three previous terms. Buck is a member of the United Way of Kanawha Valley allocations committee for 1977 and is also serving as police commissioner.

Charleston

E. J. Shaver, Jr., division office supervisor, was re-elected to a three-year term on the board of directors of the Charleston Symphony Orchestra.

John C. Frazier, personnel supervisor, was

re-elected to the board of directors of the Highland Hospital in Charleston and was reappointed to the Advisory Board of the National Alliance of Businessmen (NAB) for 1977-78.

Clinch River



Jenna J. McComas, daughter of Chief Chemist Ray G. McComas, attended Virginia Girls' State at Longwood College. While there, she participated in the band and was a delegate to both conventions held.



Dennis Vance, son of Master Maintenance Man "Tip" Vance, attended the American Legion Boys' State of Virginia held at Lynchburg College.

General Office



Pat Short, junior clerk in GO T&D Distribution, Roanoke, bowled 216, 180 and 176 for a 572 scratch and 704 handicap set, which tied for first place scratch and third place handicap in the "C" Division during the 1977 Virginia State Women's Bowling Association Tournament. At the awards banquet, Pat received \$161, a pin, certificate, patch and two chevrons. This was her first 200 game and 500 set in three years of bowling.

Thomas A. Rotenberry, GO R/e & R/w superintendent, was appointed to a four-

year term on the Bedford County School Board.



Curtis E. Graham, transmission man A, GO T&D Transmission Line Section, Bluefield, was installed as Worshipful Master of Princeton Lodge #134 A.F. & A.M.

Bruce Lazenby, son of K. S. Lazenby, GO right of way supervisor, has been admitted to practice before the Raleigh County Bar. He received his JD degree from West Virginia University School of Law and will join the Beckley firm of Bowers, Hodson, Henderson and Richmond.

Kanawha River

Stacy Ann Brown, daughter of Maintenance Man F. W. Brown, received an attendance trophy for her first year in ballet at Margaret Queen's School of Dance.

Christie Renee Hancock, daughter of Equipment Operator L. E. Hancock, performed ballet and tap dances in a recital at East Bank High School. She is a student at Jacqueline's School of Dance.

Lynchburg

Lt. David T. Tibbs, son of Retired Commercial Engineer Roy A. Tibbs, has received his pilot designation from the U. S. Navy and is a qualified helicopter aircraft commander in the UH/CH-46D helicopter.

Leo Thomas, son of Lead Draftsman Raymond L. Thomas, was a winner in the Lynchburg Recreation Department junior weight lifting contest. During the recent Boys' State at Lynchburg College, he was elected a House delegate and athletic director. He also won the Boys' State tennis tournament.

Huntington

Wade Sallaz, retired line foreman, was re-elected to a two-year term on the Ripley City Council.

Bessie M. Wilson, Point Pleasant secretary-stenographer, won low net and low putts in the Biannual Ladies Golf Association Invitational Tournament at Hidden Valley Country Club.



R. D. Watson, Point Pleasant meter reader, coached the Fruth Pharmacy team to first place in the Williams-town Invitational Girls Softball Tournament. The team, composed of 11- to 14-year-olds, will play in the state tournament later this year. Fruth has taken the top spot in the state tournament for three of the five years Bob has been coaching.

Vada Crump, wife of Retired Line Foreman J. R. Crump, was elected president of the Anne Bailey Extension Homemakers Club in Point Pleasant. **Rose Murray**, wife of C. H. Murray, division r/w maintenance inspector, was elected vice president, and **Velma McMahan**, wife of W. C. McMahan, Point Pleasant area manager, was elected secretary.



T. J. Rose, Point Pleasant head T&D clerk, won the first flight in the 6th Annual Open Riverside Golf Tournament in Mason, W. Va. Tom shot a two-round total of 145 for the two-day event.

Logan-Williamson



M. A. White, line and station supervisor, was installed as president of the Logan Lions Club.

Howard J. Collins, personnel supervisor, was elected to the Logan Lions board of directors.

Mark Kessinger, son of Residential Advisor Mary Kessinger, attended American Legion Boys' State at Jackson's Mill, W. Va. He was sponsored by various civic clubs and American Legion Post 49.

Denise White, daughter of Logan Retiree Caleb White, was a Logan High School delegate to Rhododendron Girls' State at Jackson's Mill, W. Va. Denise, who attended Girls' State under the sponsorship of the Logan County Federated Women's Club, was a candidate for the office of secretary of agriculture.

Pulaski

W. P. Umberger, Wytheville area serviceman, was named Lion Tamer in the Wytheville Lions Club.

Dorothy Whitaker, personnel assistant, was an elected delegate from Pulaski's First United Methodist Church to the 154th meeting of the Holston Annual Conference in Knoxville, Tennessee.

Roanoke

Bennett Shuff, Fieldale customer accounts representative B, attended a credit law seminar at Patrick Henry Community College.

R. O. Ragland, Roanoke lead draftsman, and **Ricky Bias**, son of L. T. Bias, GO operations coordinator, coached the Williamson Road Kiwanis team to the Roanoke City Paul Coffey League baseball championship for 1977. Bob's son Dale played infield and Tommy Bias, Ricky's brother, played outfield.

MORE GRADS

Bluefield



Tony Rasi, station T&D clerk A, accounting diploma from West Virginia Career College.

General Office



Emily (A. B. Sneed), Patrick Henry High. Completed high school a year early and had 3.8 grade average.



Lee Ann (C. A. Simmons), Andrew Lewis High. AEP Educational Award winner. Crowned Jr. Achievement Miss Executive of Roanoke Valley in 1976.

Stephen L. (J. W. Vaughan), Bachelor of Arts degree in accounting from Elon College.

Roanoke



James David (G. H. Reynolds), Cave Spring High. Grade average of 3.6, member of marching and symphonic bands for four years and stage band this past year. 1977 athletics editor for school annual.

NEW FACES AROUND THE SYSTEM

Beckley

Dennis L. Snider, meter reader, Whitesville. **Ollie B. Palmer**, junior clerk, Rupert.

Bluefield

Barbara G. Harris, junior clerk.

Central Machine
Jeanne W. Bird, plant clerk C.

General Office

Ronald E. Allen, operations engineer, GO Operations, Roanoke. **Gilbert A. Braxton**, control wireman helper, GO T&D Station, Huntington. **Mark A. Clark**, engineering technician, GO T&D Meter, Roanoke. **Stephen D. Drake**, engineering technician, GO T&D Station, Huntington. **Jerry C. Melcher and Fidelis Ovuorie**, electrical engineers, GO T&D Distribution, Roanoke. **Tony Paragon**, electrical engineer, GO T&D Station, Bluefield. **Armand J. Tamagni, Jr.**, electrical engineer, GO T&D Meter, Roanoke. **Frank A. Webb**, electrical engineer, GO T&D Station, Charleston.

Kingsport

Kay Powell and Carl B. Seaver, customer accounts representatives. **C. Leta Dingus**, junior clerk. **John D. Nance**, electrical engineer.

Logan-Williamson

Robert Edward Forgie, area serviceman, Williamson. **Claude R. Ball, Jr.**, Earmel T. Southers and **Danny F. Burgraff**, laborers, Williamson. **Paul T. Enochs**, meter reader, Williamson. **Crockett M. Williamson, III**, part-time meter reader, Williamson. **John W. Kessel**, meter reader, Logan. **Deborah M. Bryant**, junior clerk, Madison. **Jackie W. Mills**, engineering technician, Williamson. **James E. Bud**, electrical engineer, Logan.

Pulaski

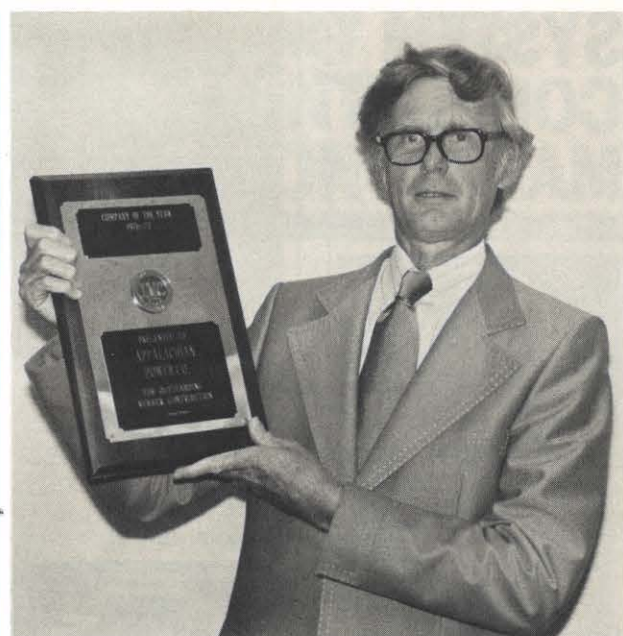
Deborah C. Grubb, junior clerk. **Brenda A. Cregger**, office messenger.

Roanoke

Darlene Overstreet, lineman helper.

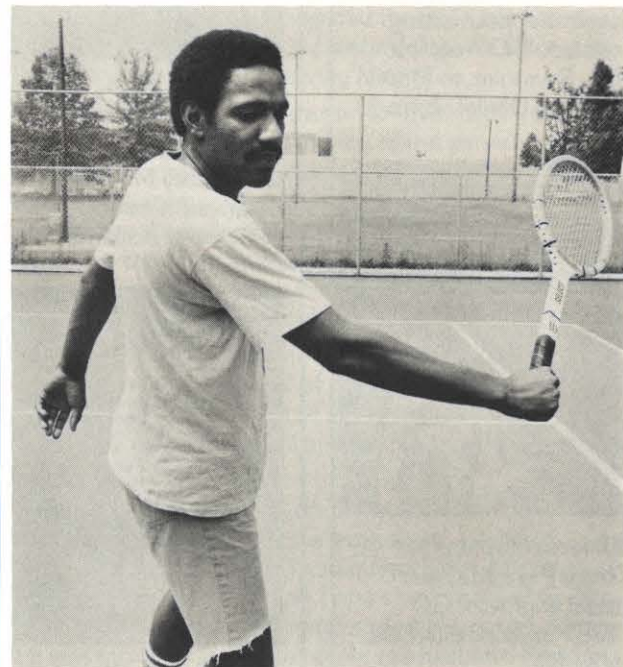
Philip Sporn

Robert G. Workman, chemist.



Appalachian Power Company was the recipient of the first "company of the year" award from the Roanoke Valley Chapter, International Management Council. The award was presented to J. B. Berg, General Office accounting manager. Minimum criteria for the award and the company representatives' accomplishments were: (1) Company membership must attend 60% of the regular monthly meetings. APCo employees had 100% participation. (2) Company membership must attend one education course per member, per club year. APCo had enough to qualify. In addition, each company nominated must have completed at least two of the following optional requirements: (1) Must have at least one member be an officer, committee chairman or board member. Claude Hylton, GO Personnel, was president; Jerry Saunders, GO Accounting, was treasurer; and Larry Fulp, GO Accounting, was national vice president. Vernon Willis, GO Accounting, was finance chairman and Henry Howell, Rates, was club analysis chairman. E. T. Jones, Jr., Roanoke Division, was a member of the board. (2) Minimum of one member or 10% of membership must participate in the annual YMCA project. Claude Hylton and his wife helped clean up Camp Roanoke for the YMCA Boys' Camp. (3) Minimum of one member or 10% of membership must be an active member of a committee. Owen Hawkins, GO Accounting, was a member of the Audit Committee. (4) Increase company's past year's membership by one member or 20%. APCo membership was not increased. (5) Have at least one member attend regular monthly meeting of at least one other IMC chapter during the club year. Claude Hylton and Larry Fulp attended the National Conference in Washington, D. C., state conference in Myrtle Beach, S. C., and the Lynchburg IMC Chapter at their own expense.

Appalachian was selected as "company of the year" by the IMC board of directors.



Colen Corbett, T&D clerk B, was the men's winner of the Appalachian Power Company Mixed Doubles Round Robin Tennis Tournament for Fieldale employees and their families. Each participant played 32 games. Colen won 24 games, tying with Collector Earl Joyce, and went on to win three of four games in the play-off.

SYSTEM COUPLES MARRY



Gwendolyn Jane Selfe, daughter of J. A. Selfe, Abingdon meter serviceman C, to Michael Sherill Edwards, June 18.



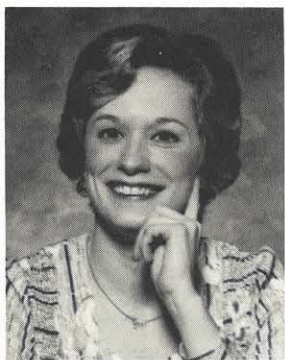
Betsy Carol Ray to **Anthony David Bailey**, son of E. L. Bailey, GO customer services manager, Roanoke, June 12.



Norma Lou Davis, customer accounting clerk A, GO Accounting, Roanoke, to Marvin Cephas Daniel, June 4.



Delores Hopkins to **Tony Paragon**, electrical engineer, GO T&D Station, Bluefield, May 22.



Melanie Kay Ferguson, daughter of C. H. Ferguson, Huntington right-of-way agent, to L. Carl Waddle, July 2.



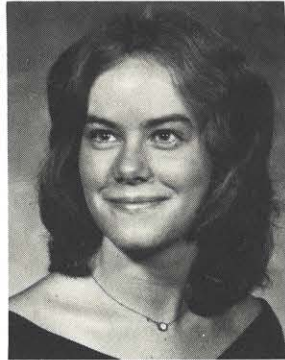
Ginger Triplett, daughter of S. S. Stevenson, retired Abingdon line foreman NE, to Bill Skeen, June 18.



Lea Beth Fraley to **Larry Ray Bowers**, Glen Lyn Plant utility man A, May 28.



Jean Womack, daughter of Mary Mayfield, Charleston cashier B, to Lamont Bolland, June 25.



Patricia Lynn Hagerman, daughter of Jack W. Hagerman, transmission supervising engineer, GO T&D Transmission, Bluefield, to Clay Dawson, March 5.



Kimberly F. Boyd, Charleston junior clerk, to Randall L. Hutchinson, June 10.



Joan Elaine Bird, Bluefield junior stenographer, to Jay Leftwich, June 18.



Melanie Virginia Harris to **Michael Wayne Lethcoe**, son of E. P. Lethcoe, Abingdon electrical engineer senior, June 18.



Constance Louise Rice, daughter of Mary Lou Rice, Bluefield customer accounts representative C, to John Mark Rumburg, July 9.



Susan A. Shank, Cedar Coal junior clerk, to Wayne Williams, July 1.

Virginia Wren Nash to **R. Vincent Howard**, son of Roy F. Howard, lead draftsman, GO R/e & R/w, Roanoke, June 25.

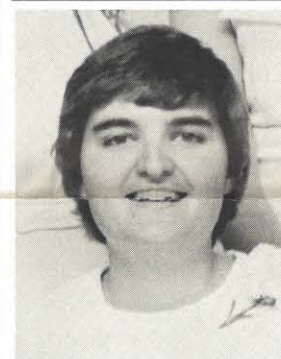
Jeanette G. Damron to **S. C. Wilhelm**, electrical engineer, GO T&D Station, Huntington, April 8.

Trudy M. Roach to **Mark B. Williams**, Philip Sporn Plant coal handler, June 26.

Sharon Elliott to **M. R. Brumfield**, Pulaski stationman C, June 7.

Beverly Garnes to **Jack M. Sampson**, son of Hazel Sampson, Charleston customer services clerk A, May 28.

4-H LEADS TO APCO CAREER



A few years ago, Debbie Fraley handled chores from gardening to milking cows on her parents' farm in Russell County, Virginia. Then she joined 4-H and was encouraged by Appalachian employees to enter electrical competition. As a direct result of their influence, Debbie decided on a career in the electrical field and today is a engineering technologist in Abingdon.

Debbie entered 4-H as a fifth grader at Castlewood Elementary School and later joined the Castlewood Beavers Club at Castlewood High.

She served two years as club president, Russell County Council president, chaired the Russell County Electric Workshop for two years, was selected Russell County 4-H queen and a member of the Russell County Honor Club and Virginia 4-H All Stars.

Between 1967 and 1971, she was active with electric projects.

She attended summer workshops sponsored jointly by Appalachian and the VPI Extension Service. "It was during this time I received assistance with my electric projects from Lorene Nester, Tom Brabson, Gordon Craig and Charlie Wagner," Debbie recalls.

The projects resulted in Debbie's selection as county and district achievement winner and being among the top five in Virginia in electric achievement for two years. She also attended the Electric Congress for four consecutive years and during this time toured Smith Mountain and Claytor. In 1972 she won a trip to the National 4-H Congress in Chicago as a state achievement winner.

Debbie adds, "The time I spent at VPI&SU for Congress activities prompted my desire to go there to school. There were always so many unanswered questions in classroom work about electricity that it led to my desire to study electrical engineering. During my first year, I wrote to Lorene Nester to ask about summer work. This resulted in my working two summers in the Abingdon Division Engineering Department and also resulted in a great desire to work permanently for Appalachian." Debbie's goal was realized when she was employed last year following graduation from VPI&SU with a BS degree in electrical engineering technology. "An almost unheard of dream came true in July of this year when I was contacted about the possibility of serving Virginia 4-H as Big Chief. This is the top 4-H post in the state. Big Chief is someone who is looked up to by every 4-H member. I never dreamed it would happen to me."

BABY PARADE

John E. Amos Stephen Warren, son of **Warren R. Ashton**, performance engineer, July 6.

Marc Daniel, son of **Daniel J. Casto**, maintenance man A, July 3.

Elizabeth Ann, daughter of **C. E. Lewis, Jr.**, utility man, June 17.

Bluefield

Aaron Ryan, son of **A. R. Rasi**, T&D clerk senior, June 29.

Cedar Coal

Shane Allen, son of **James Allen Foster**, laboratory technician junior, June 13.

Susan Elizabeth, daughter of **Edward Harold Nelson**, draftsman senior, June 18.

Jeffrey Allen, son of **Thornton Wood**, maintenance foreman, June 22.

Central Machine Shop

Trina Denise, daughter of **Richard D. Harris**, machinist, July 7.

Centralized Plant Maintenance

Michael Loren, son of **Roger O. Hatcher**, maintenance man A, June 25.

Charleston

Cristalle Gale, daughter of **Sharon Britton**, office messenger, June 8.

General Office

Jacquelyn, daughter of **Twyman R. Banks**, transmission man B, GO T&D Transmission, Bluefield, May 16.

Melody Anne, daughter of **Larry K. Myrick**, transmission engineer, GO T&D Transmission, Bluefield, June 27.

Gary A., Jr., son of **Gary A. Hammons**, utility helper, GO Operations, Turner Dispatch, June 22.

Huntington

Amy Danae, daughter of **J. D. Traylor**, lineman C, June 28.

Kingsport

Chadwick Shane, son of **Cleo Crawford**, lineman A, June 14.

Logan-Williamson

Sandra Kaye, daughter of **Ernest Eugene Drummer**, stationman C, Logan, June 15.

Lynchburg

Randy Lee, son of **Ralph S. Bird**, engineering technologist, July 13.

Pulaski

Brad Edward, son of **M. K. Linkous**, meter reader, July 3.

Southern Appalachian Coal

Jeremy Dewayne, son of **Bobby J. Parcell**, section foreman, Bull Creek No. 1 Mine, April 11.

Timothy Wesley, son of **Jerry W. Deems**, personnel supervisor, Julian, June 24.

Toby Ashley, son of **Harper C. Evans, Jr.**, engineering technician, Marmet, May 17.

Philip Sporn

Kelly Annelle, daughter of **D. E. Reed**, auxiliary equipment operator, June 21.

RETIREE KEEPS MENTALLY ALERT WITH BIBLE STUDY



In 1969, five years after his retirement as Appalachian Power's safety director, D. C. Duncan began a correspondence course covering basic knowledge of the Bible.

Since that time, he has earned diplomas in advanced study courses on Daniel and the Revelation, Life of Christ, Drama of Christian Faith and Israelite Heritage, all offered by Faith For Today in California. He has also earned a diploma from Moody Bible Institute for a Survey of the Scriptures and recently was awarded a Bachelor of Bible Philosophy Degree from the American Bible Institute, culminating a year's study.

Chaffin says, "I take physical calisthenics to keep my body in shape, and I wanted to keep my mind trim, too. I chose the Bible because it is one of the most difficult courses you can take. It requires a lot of research, including getting Hebrew and Greek dictionaries to look up things."

He continues, "The Israelite Heritage course has been the most interesting one for the simple reason it outlined the contribution the Hebrew race has made to Christian religion. The complete Survey of the Scriptures was a very comprehensive and difficult course." He has been recommended for the Epsilon Delta Chi, Sigma Chapter, Greek Letter Society.

Chaffin adds, "When we get settled down for our winter vacation, I'm going to enroll for correspondence courses toward a master's degree. This will be an advanced study of the Bible and metaphysics."

"Since I am retired and have plenty of time and will be located in a town where I can have the facilities of a good library, I'll probably take two lessons a week this winter. With tests and the final examination, I ought to end it up in approximately a year. I devote about 15 hours a week to study."

BOAT SAVES TIME, ENERGY



B. B. Briggs, instrument maintenance man B at Kanawha River Plant, is ten years ahead of the times — the time of the energy crisis, that is. For the past ten years, from May to November, he has been traveling to and from work by boat.

B. B. can make the one-mile trip via water from his home at East Bank, W. Va., to the plant in eight minutes. Via car, it takes 25 minutes to drive the 11 miles. He often takes riders on his aluminum Sea King, which uses about three gallons of gasoline every two weeks.

B. B. is free of the five o'clock traffic when he takes the river route and feels his boat is much safer than his car. He says, "When driving a car, every time you pass an oncoming vehicle, one misses death by three feet, more or less."

Besides, how many people do you know who get to fish while riding home from work?

POWERS DESIGNS FISHING AID FOR HANDICAPPED



When Harold L. Powers, former Kingsport lineman, lost his right hand in an accident 26 years ago, he wasn't about to give up his favorite sport of fishing.

Harold devised his own fishing rod holder for handicapped persons. He started with an 8" x 6" metal plate with slots that would allow it to be fastened to his belt. To this base he welded a smaller section of metal to which a 6" length of 1" EMT conduit had been welded at a 45 degree angle. The conduit served as the fishing rod holder. Also welded to the base was a small fork-shaped piece of metal used to hold the fishing line while changing plugs or baiting a hook.

Word of Harold's invention spread among local fishermen and soon he was receiving calls from other amputees, wanting to obtain a similar device. He has built several and offered advice to others who have a particular handicap.

Recently he received a request to equip a 14-year-old boy, who had lost his right arm, with a fishing rod holder. Harold, now a senior service clerk, and Bob Stewart, meterman A and president of the Kingsport Bass Club, supplied the boy with the holder. Bob also donated a new rod and reel.

Harold's friends have urged him to seek a patent on the fishing rod holder. He declines, however, saying he would rather offer a helping hand to a handicapped person.



Residential Representative Jesse L. Ashworth, right, and Line Inspector R. O. Witt proudly display the trophies they won in the recent Lynchburg Division Employee Golf Association Tournament. Jesse won low gross and Tom had the low net score.

SECRETARY HAS TREE PLANTED IN HER HONOR



Standing in front of the Hawthorne tree planted in honor of Anna Cyphers are, l. to r., Bunny Barrett, member of conservation committee; Cyphers and Mary Ellen Mabe, chairman of conservation committee, Junior Department, Woman's Club of Charleston.

Anna Cyphers, Charleston secretary, has been honored by the Junior Department of the Woman's Club of Charleston, for her participation in STAMPEDE (Stop Those Awful Miscellaneous Posters Everywhere Detrimental To Everyone).

STAMPEDE, a project of the club's conservation committee, originated last fall when one of the Juniors saw an advertisement by Monongahela Power Company, asking people to refrain from placing signs on their electric poles. The conservation committee visited both Appalachian Power and C&P Telephone Company to solicit their advice and support.

The purposes of STAMPEDE are: (1) safety for those who climb the poles and provide our vital services as well as for drivers who take their eyes off the road to read the signs; (2) to educate the public pertaining to an existing statute in the City of Charleston which makes these signs and posters illegal; and (3) to beautify the City of Charleston. For the project, the Junior Department was awarded the RC Cola Litter Award, given annually to a Junior Woman's Club in the state for its efforts involving litter.

Internal competition was started to involve all Juniors in the project as well as members of the general club. Whoever brought in the most posters and signs from poles in the area during each quarter of the program would have a tree planted in her name in Charleston. Anna was the first quarter winner of STAMPEDE and a 10-foot Hawthorne tree was planted in her name at the South Ruffner Underpass in Charleston.

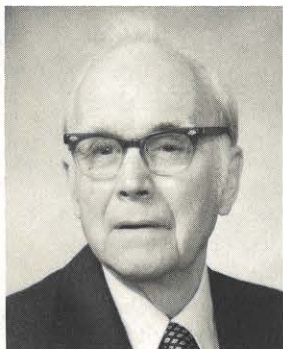
Anna says, "I drive past the tree on my way home from work. It is really kind of nice to look at it and know it is there as a result of my efforts to help clean up the city a little bit. It will also be fun to watch the tree grow."

Anna explains how she won the quarterly competition: "Each day on my way home from work, I drove a slightly different route so I could check out different areas for the posters. When I saw one, I just pulled off the road wherever I could and pulled the poster down. If it was too high for me to reach, my husband Randy would go back to the spot with me and get it down. When we were out together, if he spotted a poster or sign, he would automatically pull over and I would get out and get it down. It was really sort of fun because, as cars went by, the people stared and I knew they were wondering what in the world I was doing. I just hope that some of them got the message."

VETS GIVEN SERVICE AWARDS



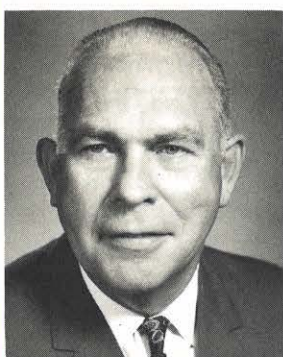
C. A. Kidd
Line Foreman
Pulaski
40 Years



J. B. Frier
Personnel Supervisor
Abingdon
40 Years



G. L. Staples
General Foreman
Lynchburg
40 Years



K. D. Moore
Res. Serv. Coord. (LTD)
Huntington
40 Years



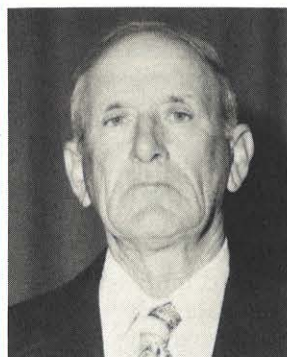
G. L. Slade
General Foreman
Bluefield
40 Years



A. E. Lemons
Dealer Sales Rep. (LTD)
Pulaski
40 Years



M. C. Simpson, Jr.
Executive Assistant
Kingsport
30 Years



H. B. Boyd
Lineman A
Pulaski
30 Years



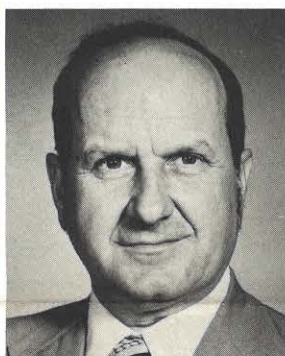
R. H. Smith
Building Supervisor
Huntington
30 Years



W. H. Holley
Eng. Technician Sr.
Huntington
30 Years



E. C. Berry
Line Foreman
Huntington
30 Years



J. B. Bartholomew
General Serviceman
Huntington
30 Years



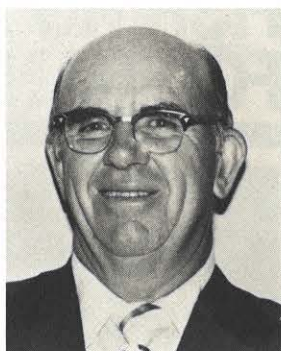
J. L. Marshall
Residential Rep. Sr.
Pulaski
30 Years



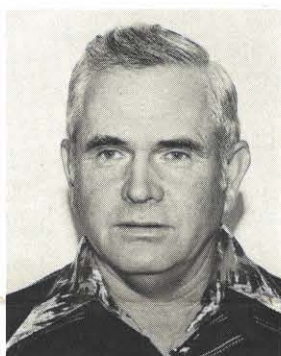
R. E. Slaydon
Right Of Way Agent
GO-Roanoke
30 Years



Jewel Ramsey
Payroll Clerk A
GO-Roanoke
30 Years



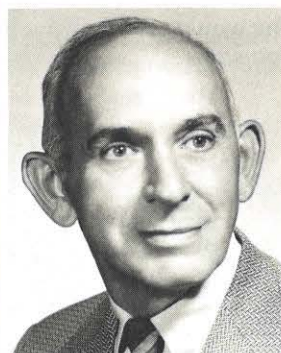
G. E. Hill, Jr.
Station Foreman
Bluefield
30 Years



J. T. Claytor
Line Foreman NE
Bluefield
30 Years



M. E. Weikle
Auto Repairman A
Beckley
30 Years



D. S. Bozo
Customer Serv. Rep.
Beckley
30 Years



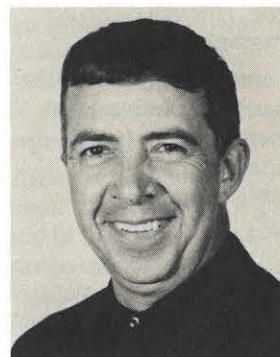
Betty Goode
Secretary
GO-Roanoke
30 Years



B. G. Hoffman
Assistant Yard Foreman
Philip Sporn
25 Years



W. L. Zerkle
Maintenance Man
Philip Sporn
25 Years



W. C. Gibbs
Inst. Maint. Man A
Philip Sporn
25 Years



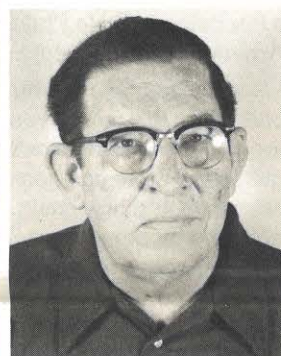
Rufus Meade
Line Foreman NE
Logan-Williamson
25 Years



H. R. Ball
Statistical Accountant
GO-Roanoke
25 Years



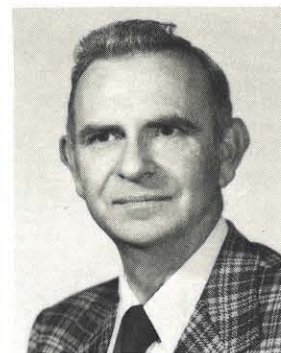
W. C. Rowley
Chemist
AEP Lab-Huntington
25 Years



W. A. Martin
Tr. Dr.-Grndmn. (LTD)
Charleston
25 Years



Velma Scott
Gen. Rec. Clerk A
GO-Roanoke
20 Years



Stevenson Carpenter
Engineering Supervisor
Beckley
20 Years



K. W. Winger
Meter Serviceman A
Roanoke
20 Years



C. J. Gibbs
Maintenance Man
Philip Sporn
20 Years



Jerry Akers
Area Serviceman
Logan-Williamson
20 Years



J. A. Danley
Right Of Way Agent
Bluefield
20 Years

Abingdon
20 Years: **G. L. McClellan**, T&D clerk A. 15 Years: **R. P. Cussins**, area supervisor A. 10 Years: **C. R. Matney**, auto repairman A.

John E. Amos
10 Years: **H. D. Anderson**, unit foreman. 5 Years: **J. R. Cottrill, Jr.**, maintenance foreman. **R. A. Sang**, maintenance man A. **R. P. Pyles**, maintenance man A. **R. N. Thompson**, engineer B. **C. W. Smith**, maintenance man A. **J. D. Deitz**, maintenance man A. **C. R. Morgan**, mainte-

nance man A. **W. R. Ashton**, performance engineer. **R. L. Peet**, stores attendant.
Bluefield
20 Years: **B. E. French**, stationman A (LTD). 10 Years: **T. R. Martin**, stores attendant.

Charleston
5 Years: **M. G. Day**, customer accounts representative B.
General Office
10 Years: **W. Thornhill**, express driver, GO-Roanoke. **J. P. Surface**, engineering technologist, GO-Bluefield. **J. H. Overstreet**, regional dispatcher, GO-Roanoke. 5 Years: **Carolyn Poff**, secretary-stenographer, GO-Roanoke. **Carol Mowry**, key entry operator, GO-Roanoke. **Janet Maxwell**, personnel clerk B, GO-Roanoke. **Brenda Colston**, stenographer, GO-Roanoke. **R. M. Brown**, payroll clerk C, GO-Roanoke.

Huntington
5 Years: **D. E. Straley**, meterman A. **J. H. Linthicum**, meterman A.

Roanoke
15 Years: **J. P. Montague**, line supervisor. **Martha Worrell**, secretary-stenographer. **Margie Cahill**, residential advisor. 10 Years: **R. W. English**, lineman A. **L. E. Sadler**, stores attendant. 5 Years: **D. L. Janney**, meter reader. **J. D. Hall**, auto repairman A. **H. R. Manns**, meter serviceman C.

IDEAS SHARED

Several Appalachian Power employees had articles published in the July/August issue of *AEP Operating Ideas*. **C. M. Thacker**, hydro engineer senior in General Office Hydro, Roanoke, wrote "Uses Strain Gage For Weighing Heavy Loads". **J. W. Pullen**, production engineer at Central Machine Shop, was the author of "Hybrid Design Solves Pulverizer Problem". Three other Central employees, **Sam Craddock**, production foreman — welding shop, and **John Beane** and **John Dunlap**, both welders, collaborated on "Special Cutting Torch". **J. T. Claytor**, line foreman NE in the Tazewell area of Bluefield Division, described a "Safe Way To Support Poles When Framing".

PETE MILLER RETIRES

"I believe I was mighty fortunate to have worked with Appalachian," says Randolph Floyd "Pete" Miller, who retired August 1 as an engineering technician senior in Roanoke. "The company was good to me; there's no doubt about it. I saw a lot of good people come and go. I just didn't realize it would ever happen to me. It's going to be hard to leave all the fine people I've worked with so many years."

Pete joined the company in 1937 as a groundman. "What made me think of Appalachian was a friend I grew up with, Sylvan Snidow (now retired Roanoke garage foreman NE), who had gone to work as a groundman several weeks earlier. Besides, I was laid off from Virginia Bridge and Iron."

He continues, "The company sent me with Crip Carper, line foreman. He was a rough one who knew how to work men. He liked to kid everyone about firing them. He fired me before I could even get a set of lineman's tools and about a dozen times after that. After you learned to know him, he was a wonderful person though." Pete worked with Carper about a year before being promoted to inspector. He served in that capacity until World War II, when he saw action in England, France, Belgium, Luxembourg and Germany with the 6th Army Tank Division. Pete returned to work in 1946 as an engineer junior and remained in the T&D Department until his retirement.

Pete tells this amusing story involving Jack Cooper, now retired Roanoke right of way agent. "When Jack and I both worked in the line gang, he was courting the girl he later married. He had told her he was a big shot and had an important job with the company. The line crew was working near town, digging holes for a new line, and his sweetheart came walking down the sidewalk. To keep her from seeing him, he jumped in one of the holes until she passed by. That Jack Cooper, they threw the book

away when they made him!"

Pete, a member of Raleigh Court Methodist Church in Roanoke, enjoys car racing as a spectator and plans a trip to Florida and to the races in Alabama soon. He wants to take up golf and is looking forward to the birth of his first grandchild in a few months. Pete and his wife Ruth have two sons.

HULME ENDS 36-YEAR CAREER



William Hulme, Pulaski records supervisor, retired August 1 after 36 years' service.

The Lancashire, England, native is an accounting graduate of West Virginia Business College and began his career in 1941 as a clerk and stenographer. He was a clerk senior, head distribution record clerk and head T&D clerk before being named records supervisor in 1964.

During retirement, Bill says, "I will probably travel some and just take each day as it comes." A member of the First Presbyterian Church, his hobbies include photography, model railways, reading, hunting and fishing. He and his wife Frankie have two children and three grandchildren.

GARLAND COVEY RETIRES



David Garland Covey, master maintenance man at Claytor Hydro in Pulaski Division,

retired March 1.

The Pulaski County native began his career in 1951 as a laborer. During his 36 years' service, he has worked as an assistant station operator, special guard, repairman, maintenance man helper, maintenance man B, hydro maintenance man B and A and hydro maintenance mechanic B.

Garland enjoys wood-working and refinishing furniture and plans to travel during retirement. A member of Mt. View United Methodist Church, he and his wife Kathleen have one child and one grandchild.

MARTIN JOINS RETIRED RANK



Jack Hale Martin, turbine operator A at Cabin Creek Plant, elected early retirement July 1 after more than 34 years' service.

A native of Shrewsbury, West Virginia, Jack began his career at the plant in 1943 as a laborer.

The Martins plan to travel during retirement and will make their second trip to Hawaii next June to visit their daughter and son-in-law, who is with the Air Force in Honolulu. Jack is interested in astronomy and enjoys reading science books and collecting coins. He and his wife Mabel have four children and ten grandchildren.

FRIENDS WE'LL MISS



Elmer Gleaves Dalton, 75, retired hydro operator B at Byllesby Hydro in the Pulaski Division, died July 5. A native of Carroll County, Virginia, he began his career in 1924 as a station operator and retired May 1, 1967. Dalton is survived by his widow Ethel, Route 4, Edgewood Drive, Hillsville, Va.; one son, E. LeRoy Dalton, hydro operations supervisor in General Office Hydro, Roanoke; and four grandchildren.

Harry Irons, 76, retired Huntington truck driver-groundman, died July 20. A native of Wayne County, West Virginia, he began his career in 1941 as a maintenance man at Kenova Plant and retired September 1, 1965. Irons is survived by his widow Dorothy, RFD 1, Kenova, West Virginia, and one daughter.

BETTER LATE THAN NEVER

There are still honest people in the world, according to Carl A. Schmidt, customer accounting supervisor in Pulaski Division's Christiansburg office. In December 1970, a customer came into the office and said she wanted to pay her bill of \$159.06, which had been charged off. After making one payment of \$15 and two of \$10 each, she paid \$5 as she was financially able until the last payment of \$4.06 was made seven years and three months later.

AEP SYSTEM BLACKOUT "UNLIKELY"

There are a couple of lessons to be learned from New York City's recent day-long blackout, or indeed from the massive blackout in southern Florida earlier this year.

One lesson is just a review: electricity is essential to modern life.

A second lesson is that an electric utility can go just so far in laying down gilt-edged guarantees that nothing will go wrong with the lights.

As an AEP System employee, you have the right to ask the logical question — the one your neighbors have probably already asked you. Can the disaster that befell New York on July 13 hit Roanoke next summer? Or can the outage that darkened four Florida counties last May happen in Charleston?

Without making light of this very serious business, the best answer is a qualified "it's unlikely." There is just so much that man and his machines can do. However, there are some major differences between the American Electric Power System and those in New York and Florida.

A basic difference is simple geography. The service area of the Consolidated Edison Company, which supplies electricity to about 2.75-million customers in and near New York City, is constricted to about 600 square miles, including three islands. Florida Power & Light Company, centered on Miami, serves the southern end of a long peninsula. Our service area, on the other hand, is spread out over parts of seven states from Michigan to Virginia, a region covering 42,000 square miles and not quite 2-million customers. New York's population density is roughly 100 times ours.

One can apply the density analogy to power generation. The AEP System has 19 major power plants scattered over six states, with two more under construction. When the last is completed, these 21 power plants will have a total generating capacity of about 22-million kilowatts. That's a lot of power. Furthermore, the over-all cost of producing that power is low enough to encourage us to supply all of customers' needs from our own sources whenever possible, rather than importing power from other companies.

All of our power plants and our customer load centers are tied together by the strongest, most flexible network of transmission lines ever built. Altogether, the AEP System is operating about 100,000 miles of power lines, including 19,000 miles of high-voltage transmission circuits. Among the latter are over 1,300 miles of transmission at 765,000 volts — the highest-capacity conductors of electric energy in operation in this country. With this very large power-delivery capacity, we can move great blocks of electricity in any direction on our System, or, in the event of an emergency in a neighboring utility, through our System. Further, in making such a delivery of power, we have a maze of options as to how we do it.

No discussion of the strengths of this power system would be complete without recognizing the role of interconnections. AEP and its neighboring utilities in all directions are interconnected at high voltage at a total of 99 points around the System's perimeter, giving us an extra dimension in power supply, both in amount and reliability, to meet our needs and to help adjacent companies meet theirs. In contrast, the number of interconnections available to New York City or southern Florida — constricted as they are by population density or geography or both — is relatively small.

Thus, AEP is able to call on 17.5-million kw of our own power supply today, a figure that will soon grow to 22-million kw; a transmission grid unequaled in delivery capacity and flexibility; and more interconnections with greater capacity (almost 28-million kw) than any other power system in the world.

So we can safely say that a disaster of the magnitude of the recent New York blackout is not likely to occur on the AEP System. That doesn't mean we haven't had our problems:

On Palm Sunday, 1965, 35 separate tornados whipped through our service area in Indiana & Ohio. It was the worst natural disaster in our System's history. Some 27 high-voltage transmission lines were severed, including 77 transmission towers lost, plus two substations knocked out, throwing over 125,000 customers out of service for periods of up to 48 hours. And yet — and this is the important part — the integrity of the total System remained intact and sound, with no loss of service outside the immediate area of the tornados.

Few electric systems could have withstood such a shock.

Another example: In 1974, a series of tornados caused severe damage to our transmission facilities throughout six states across the breadth of our System. Not a single customer was out of electric service due to transmission failure. In Indiana alone five separate tornados knocked out nine major high-voltage power lines, including 49 towers destroyed or damaged. Only 4,000 customers out of close to 2-million were without service and only because of local distribution line problems. Again, the transmission network had withstood a blow severe enough to have crippled a lesser one.

There are more stories, but they are basically the same. What has saved the System time and time again are our basic strengths: the backups, the redundancies, the alternate sources that were planned, designed and built in to keep the electricity flowing, and the protective technology that stands watch at all times. That is, the lightning protection, surge arresters, protective relays and fusing, automatic switching and sectionalizing, and giant circuit-breakers capable of slamming a freight-train-sized surge of electricity to a complete halt in just two cycles — 1/30th of a second — and then starting it on its way again in half a second.

The strengths of the AEP System are considerable. Our ability to continue to build those strengths, however, is the key to what the answer will be three years, five years, or ten years from now, if one were to ask again: can it happen to us?

A continually growing demand for electric power by our customers, even at a reduced rate in this day of energy conservation, can overpower the strongest power system if the utility that operates it is unable to expand it to meet that demand.

The construction of a major power plant today costs in excess of \$1 billion. The associated transmission lines and substations cost tens of millions more. These tremendous amounts must be raised in the money market. In order to do this, our earnings have to be sufficient to attract investors. Our rates must therefore be sufficient to produce the revenues in turn sufficient to produce such earnings.

In other words, the regulatory climate must allow us to earn our own way. In some parts of our service area we are doing just that. In other parts, our ability to do so is inhibited at best; impossible at worst.

We have had outages in the past, most of them minor in nature and short in duration. While it's impossible to assert that the AEP System will never suffer an outage like New York's of July 13, we can say that it's not very likely. And we propose to do all we can — God and government willing — to continue to be able to make that statement.



Jack W. Kepner, left, executive assistant to the executive vice president of Appalachian, and J. A. Bennett, Kanawha River plant manager, show their pleasure over the certificate of excellence presented Kanawha by Employers Insurance of Wausau. Kanawha received an average grade of 4.414 during a recent inspection, exceeding the required 3.5 average. The second requirement for safety certification is that the plant's disabling injury index rate for a designated period prior to the inspection be lower than the AEP rate for the same period. Kanawha's rate for the period January 1, 1976, through December 31, 1976, was 0.6557 versus the AEP rate of 0.9292.

ROANOKE'S WALNUT AVENUE PLANT BEING DEMOLISHED



Work began last month on demolition of one of the earliest producers of electricity in the Roanoke Valley, Appalachian Power's Walnut Avenue Steam Plant. The site will be graded and used for storage after the plant is removed.

The plant was placed on a standby basis in 1951 and retired from service on January 1, 1955. Generators, turbines, and other equipment were removed at that time.

The original plant was built in 1906 by the Roanoke Railway and Electric Company, Appalachian predecessor in the Valley. Its construction came just 24 years after Roanoke became an incorporated community. During the intervening years electricity was provided to residents by several small generating plants. The Niagara Hydro Plant, still in operation today, was also built in 1906 on the Roanoke River by a competing organization, the Roanoke Water Power Company. Roanoke Railway and Electric bought out this company in 1908.

But the Walnut Avenue Steam Plant, with its generating capability of 2,500 kilowatts, heralded a new era of plentiful electricity for the Valley. Three units, one rated at 1,500 kilowatts and two at 500 kilowatts each, were initially installed in the plant (today Appalachian is building generating units with a generating capability of 1,300,000 kilowatts.)

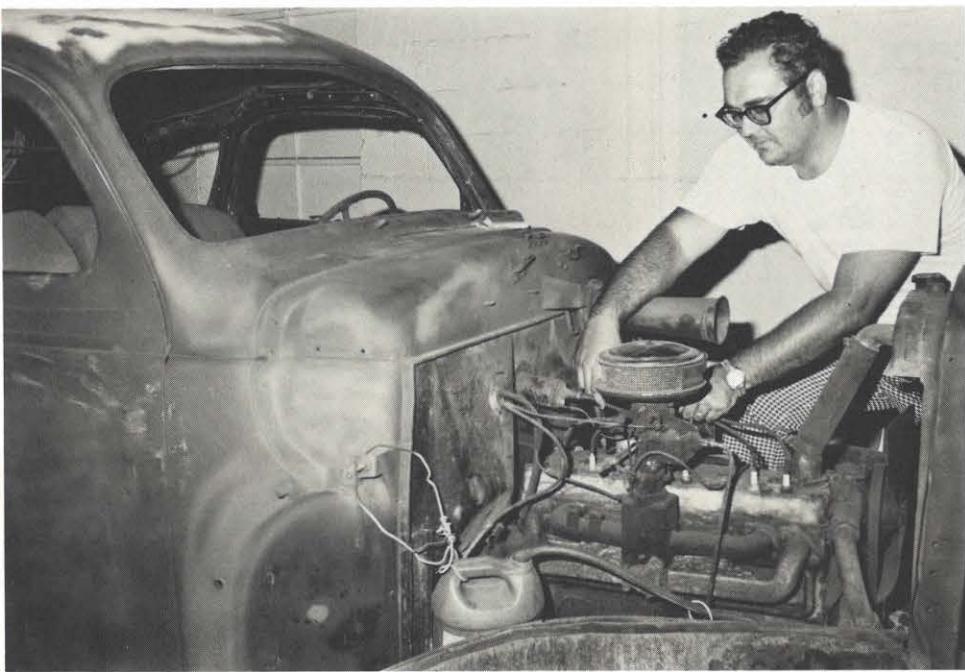
The original plant had one smoke stack 193 feet tall, and boilers used water from the Roanoke River, which runs beside the plant. Tracks were built to the plant for rail shipment of coal to be burned to produce electricity.

When the plant was built, room was left for additional generating and other equipment. The foresight paid off — increasing customer use of electricity created the need for a 3,000 kilowatt generating unit, installed in 1917, and a 6,750 kilowatt unit, added in 1925. During the period of the addition of the units, a second stack was also added to the plant. Both stacks, one of brick and the other steel-reinforced concrete, were dismantled in 1956.

After the Walnut Avenue Steam Plant and Niagara Hydro were built, they were Roanoke's sole sources of electricity until 1912, when an 88,000 volt transmission line was built into the Valley from Buck and Byllesby Hydro Plants in Carroll County.

The Roanoke Railway and Electric Company and its facilities became a part of Appalachian and the American Electric Power System in 1926.

POWER ENGINEER ENJOYS RESTORING OLD CARS



"The little old lady who previously owned my 1940 Plymouth didn't hit anything very hard. However, she didn't miss many things either," laughs Dan Vaught. A power engineer at Fieldale in the Roanoke Division, Dan has logged about 150 hours in body work on the business coupe and has many more to go before it is restored.

The car actually did belong to a woman in Lynchburg, Virginia, but had not been driven since 1960. "It's an antique and, since it was parked alongside a well traveled road for several years, I can't figure out how some other car buff didn't latch on to it," Dan remarks.

The most difficult part of the restoration job has been the roof. Someone had either walked across the roof or jumped up and down on it, and Dan spent one full week just beating the top out and shaping it to its original form. "With judicious use of body putty, several coats of primer, sanding and lots of elbow grease, it'll look a whole lot different. Usually, with one this old, the engine is real rough, requiring a major overhaul. But there's not a whole lot I'll have to do to it."

Finding parts can present a problem. "I was lucky enough to find the clutch, pressure plate and related material from new-old stock. (New-old stock is new parts manufactured years ago which have been kept in stock.) With just one more piece of chrome to purchase, I'll have new chrome for all exterior trim. One of the reasons it's difficult to find new parts is there were not as many parts made for a 1940 Plymouth as, say, a Ford or Chevy."

He continues, "While most of the parts are purchased in Virginia and North Carolina, much travel and time are spent in finding them and they can be quite expensive. There's a lot of gouging by those dealers who know these parts are in short supply." He also runs into reasonably priced parts from those who take pity on antique car enthusiasts. "One fellow wanted \$20 for a two-inch grill ornament that would have sold for about 50 cents in 1940. By the same token, I bought the clutch and pressure plate for about \$15, which by today's prices would run \$40-\$50."

With the \$300 purchase price of the car, he'll have about \$2,500 in it when it's completed toward the end of the year. "But it'll have a resale value of some \$4,000."

Dan credits his neighbor Rives Witt, son of Retired Beckley Engineering Aide Roland Witt, with getting him started in a similar project — turning his 1936 standard Chevy coach into a street rod. "For the layman, a street rod by classification is by no means a race car, and it has to have been made prior to 1949. Too, it must be modified from its original make," he adds. "I've always been interested in cars. To show one in its restored state is personally gratifying, and I believe it's a good learning process."



Appalachian Power Company's entry was the first-half champion in the Monday evening Bluefield Industrial Golf League. The points are accumulated on a medal, match and team basis. The summer league consists of two halves, lasting eight weeks each. L. to r., Jim Harmon, engineering supervisor; Harold Cutlip, draftsman senior; David Jones, son of R. R. Jones, construction foreman; Bob Farley, engineer B; and Duke Wright, administrative assistant A.



Ira B. Peters, Roanoke Division personnel supervisor, was installed as moderator of the Church of the Brethren at its annual conference in Richmond, Virginia. Only the third lay person to serve as moderator, he will preside at the 1978 annual conference in Indianapolis, Indiana. Peters will also serve as an ex-officio member of the General Board and chairman of the Central Committee, which plans all aspects of the annual conference. A member of Roanoke's Williamson Road Church of the Brethren, he has been a member of the denomination's General Board for eight years and was the first lay person to serve as its chairman, a position he held for four years. Participating in the laying on of hands service at the Richmond conference were (kneeling, from left) Peters, incoming moderator, and Dr. Warren F. Groff, president of Bethany Theological Seminary, moderator-elect. Standing, from left, Robert Coffman, General Office right-of-way agent and member of the Williamson Road Church of the Brethren; Rev. Charles M. Bieber, outgoing moderator; and Rev. W. A. Martin of Orlando, Florida.

DENISE LOY GETS EARLY START TOWARD CAREER



Denise Loy has already gotten a good start toward her ambition of becoming a professional horse trainer.

The daughter of Charleston Commercial Representative Don Loy, she has been riding since she was nine years old and owns a registered Morgan named Caslands Colonial Boy. Denise rides him hunt seat and has been jumping him for a year. They have won five first-place, five second-place, two third-place and five fourth-place ribbons in shows this year. Denise shows Colonial Boy in four classes: (1) hunt seat equitation over fences; (2) hunter hack; (3) hunt seat equitation on the flat; and (4) hunter over fences.

Denise also helps Judy Lampton, owner of the Gold and Blue Stables, train and show miniature horses. These miniatures are rare and have been developed since 1863 by the Falabella family in Buenos Aires, Argentina. Some 45 years ago, the present Senor Falabella patiently put together all the accumulated information and, with the knowledge he researched relative to genes or heredity factors, was finally able to produce the present breed of perfectly formed miniature horses that are about the size of a dog.

The miniature horses are real horses in every respect (not dwarfs or midget ponies) and have the gait, looks, hardiness, spirit and nobility of a full size horse. Only normal care and diet is required, and they have a life expectancy of 40 years. Twelve of these horses can be fed on what one standard horse will eat.

CUSTOMER PRAISES METER READER



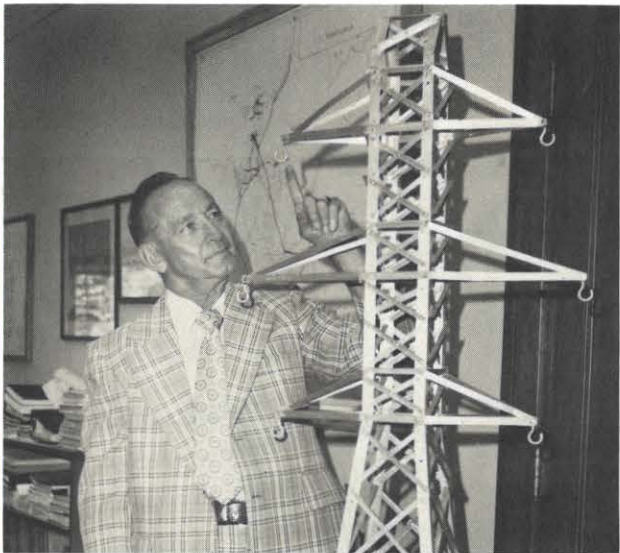
Roanoke Division Meter Reader Harry Berger, Jr., went beyond the call of duty recently, and his actions were praised in a letter to the Rocky Mount area supervisor.

Marjorie Prillaman of Prillaman Pontiac-Olds, Inc., wrote: "Yesterday your employee, Harry Berger, Jr., performed his routine job of meter reading at our home — and a whole lot more! He saw a snake on our carport, entwining itself in the spokes of our daughter's bicycle wheel and immediately set about to kill it. My 82-year-old mother makes her home with us and was alone in the house at the time. She had just started out to the carport when she saw Mr. Berger attacking the snake, and almost went into shock. After he had killed the snake and thrown it into an adjoining field, he saw that she was going to be all right before he left. Such consideration on the part of a young man for an older woman he didn't even know makes me feel that chivalry is indeed alive!"

Harry says, "I tried to tell the woman there was a snake beside the door, but she couldn't hear me because of her small dog barking. She opened the door and it scared her so bad, I thought she was going to faint. I was concerned about someone that age being frightened so badly. I just wanted to make sure she was going to be all right."

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TRANSMISSION SUPERINTENDENT RETIRES

"It has been a wonderful and colorful 47 years. It's going to take some adjustment getting back into a normal day because I love the challenge of my job," says Raymond J. Fisher, who retired August 1 as transmission superintendent in the General Office T&D Transmission Section, Bluefield. He adds, "If I would give a detailed account of my career with the company, I probably would have a million seller!" Raymond joined Appalachian in 1930 as a groundman. "I was working for A&P Tea Company after I finished West Virginia Business College. I was 18-years-old, and I didn't like working inside. I went down to the APCo building on a Friday and went to work that Sunday with a starting salary of \$90 a month. All I had to do was answer a few questions and come to work. There was one superintendent, one secretary and two line crews of five men each. Our work attire consisted of knee length boots and riding pants. I was considered a field clerk and groundman."

"When I found out that the foreman was making \$190 a month, I decided I was going to be a foreman. Our line trucks consisted of a Chevrolet truck and an old bus. In those days we had to provide our own transportation to the work location. I tore up four or five cars just traveling to the work location."

Raymond continues, "We stayed at our work location one or two months at a time before we came home. The reason was because there weren't any roads for our trucks to drive on. Our crew would work until we came upon a farmhouse, which would be around nightfall. We slept in the barn until the next morning, and then we would do the same thing again and again until we worked our way to a station. Sometimes we wouldn't see our truck driver for two to three weeks at a time."

"After the war, things began to get better. We started getting \$35 per month for room and board. The sleeping facilities weren't that great because sometimes we had to sleep five to a room with two in one double bed. But we always had terrific meals," he adds. Raymond is the last active member of the original crew.

He notes, "My wife Juanita knew that I enjoyed my work, and it was going to be my profession. She has never been bitter of the fact that I would be away from home for long periods. For the 46 years we have been married, she has played an important role in my career with the company. She is a very understanding person who belongs to the AEP System as much as I do even though she has never worked for the company!"

Raymond states, "One highlight of my career was reaching 1,000,000 manhours without a disabling injury. I have always stressed safety ever since I started to work, and I'm glad to say when I was a line foreman we did not have a fatality or a disabling injury. If we didn't know how to do a job safely, the job wouldn't get done until we figured a way to do it safely."

"I really haven't made any plans for the future. I love to fish and hunt. I also like flower gardening. We plan to do some traveling throughout the United States and spend some time with our son, three granddaughters and one great grandson. I have had three job offers, but I'm not going to do anything until this spring, providing I'm able."

BOB BIRD WINS TRACTOR



Bill Sholes, left, and Bob Bird

Charleston Head Meter Reader Bill Sholes thinks the least Bob Bird could do is mow his yard. After all, if it weren't for him, Bob wouldn't have won a new Ford tractor.

Bob, also a meter reader, accompanied Bill to the Ford dealer in Clendenin to pick up a new Thunderbird Bill had ordered. While there, both registered for the tractor to be given away as a door prize. As chance would have it, Bob turned up the lucky winner.

ABINGDON GOLF TOURNEY HELD

Holston Valley Golf Course in Bristol, Tennessee, was the site of the Abingdon golf tournament May 14 and 21. Eighteen holes were played each day.

Winners were R. H. Snodgrass, 1st place handicap; D. C. Linkous, 1st place scratch; D. H. Spencer, closest to pin on #18 hole (May 14); R. H. Snodgrass, closest to #18 pin (May 21); R. A. Sheffey, most 4's and C. W. Bacchus, highest score.



R. H. Snodgrass, left, Abingdon golf tournament chairman and 1st place handicap winner, presents a dozen golf balls to D. C. Linkous, 1st place scratch winner.



H. H. Thayer, left, presents a pair of specially designed shorts, size 56, to R. H. Snodgrass for serving two consecutive years as Abingdon golf tournament chairman. The shorts were designed and made by Harwood Manufacturing Company of Abingdon.