

WORKING SMARTER  
THROUGH OIP

APRIL 1982

# THE ILLUMINATOR

# THE ILLUMINATOR

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## Cover

Benny Graves, maintenance mechanic A, GO Hydro, Roanoke, takes a tightline reading on Unit 5 at Smith Mountain Hydro. The magnetic tightline tool he is using is the result of an operations improvement idea submitted by J. R. Turner, hydro maintenance supervisor, and G. W. Cook, maintenance mechanic A. The tool reduces the number of hours required to plumb a unit, readings are more accurate, and it does not require experienced personnel. Annual savings at Smith Mountain and Leesville Hydros amount to nearly \$2,300, and the tool can be used on all hydro units that will accept the magnetic base.

## Savings plan unit values

Date	Fixed Income Fund		Equity Fund		AEP Stock Fund	
	VPU	UCPD	VPU	UCPD	VPU	UCPD
1/31/82	\$1.4280	.7003	\$1.7011	.5879	\$1.1597	.8623
2/28/82	1.4398	.6945	1.6219	.6166	1.1831	.8452

VPU — value per unit  
 UCPD — units credited per dollar

HOW TO READ THE ABOVE CHART: The first column lists the days on which unit values are figured; the second shows the market price or value of each unit on that day; and the third indicates how many units you could have bought for \$1 on that day. For example, if the market value or "value per unit" of the Equity Fund were 50¢ on the valuation date (last day of each month), then "units credited per dollar" would be 2.000. This also holds true for the AEP Stock Fund and the Fixed Income Fund.

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## Hines gains PE status

Greg Hines, performance engineer senior at Philip Sporn Plant, has been



certified as a registered professional engineer in the State of Ohio. Hines joined Appalachian Power in 1977 as a performance engineer. He holds a bachelor of science degree in me-

chanical engineering from Ohio Northern University. □

It's probably only natural that Michael W. Rock has made it his goal to make sure every employee in Appalachian Power knows about the company's Operations Improvement Program.

When Mike was a performance engineer at the John E. Amos Plant, he didn't know anything about the program. And even when he was interviewed for the job as company coordinator for the program, he still didn't know a great deal, except that it sounded good.

Weighing that with the fact that he would be returning home, having been raised in Botetourt County near Roanoke, he accepted the job.

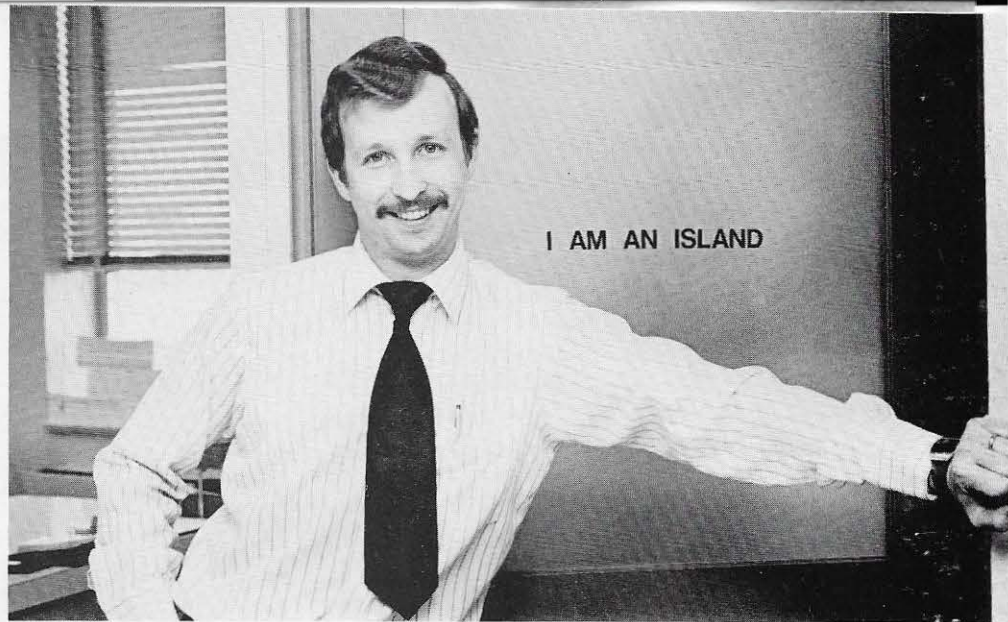
He arrived in Roanoke in March 1981, worked with Fred Hornbeck, who coordinated the program for the company, and then took over the program September 1 when Fred retired. During those months Mike learned fast and has taken a firm grip on the program.

"For 1982, my first full year as company coordinator, I don't plan any major changes in the program. Perhaps the most important one is to give additional recognition for ideas which result in savings in company offices (traditionally, most ideas, and savings, have come from power plants and the company employees who work outside in divisions)," Mike says. The methods engineer (that's his title with the company) believes this in itself will help make more employees aware of the program.

The Operations Improvement Program is a company-sponsored effort to get employees to put on paper their ideas which save the company money, time, and/or work, or provide better safety work practices. The good ideas are then circulated to all affected employees through the medium of the Operations Improvement Program, which represents the only formal way in the company that wide circulation can be given ideas which have been developed on a local level.

Appalachian's program really started with the American Electric Power Service Corporation in the 1950's. AEP decided that a growing industrial program of work simplification might have application in the operating companies. So AEP asked companies to send people to a workshop at Lake Placid, N.Y.

One of those persons was Fred Hornbeck, who returned to his job at Cabin



Mike Rock

## We're working smarter with OIP

Creek Plant and set up a program to study work methods and improve them. Later Fred was moved to Charleston, where he began a companywide work simplification program. Still later he moved to Roanoke.

In 1971, the name was changed to Operations Improvement Program and a plan of incentives for employees submitting worthy ideas was initiated. Through the years cash, electrobucks, saving stamps, drawings, and merchandise have been used. Currently, merchandise selected from a variety of catalogs (based on the type of award) is being used with great success.

Each year the program has been modified and has grown more sophisticated, although its basic objective — that of attracting and circulating ideas — has remained the same.

In addition to the merchandise awards for accepted ideas, the six best ideas each quarter are rewarded with an additional piece of merchandise. It is here that two of these six quarterly awards are being set aside for the first time this year for office-type ideas.

An idea with wide enough application could also qualify for inclusion in AEP's "Operating Ideas", a bimonthly publication which is circulated throughout the Service Corporation and all eight operating companies. Depending on the merit of the idea, an employee could receive \$60, \$120, or

\$300 for publication. Then, the best ideas of the year are chosen and rewarded with up to 200 shares of AEP common stock.

Obviously, the company is spending money to receive ideas from employees (in addition to the prizes, there is also a budget for promoting the program on the local level, and \$1,260 was spent in this area in 1981). Is the money worth it?

Mike certainly thinks so. Management thinks so. And the results would also indicate the worth of the program. In 1981, a savings of \$2,094,892. That doesn't count the intrinsic value of safety or other ideas on which a monetary value could not be placed.

At the beginning of each year, each location is given a monetary goal in addition to the goal of getting the participation of as many employees as possible. In 1981, thirteen locations exceeded their goals.

There are 27 OIP coordinators in Appalachian, serving each division and plant and the general offices. Each year they are gathered for a workshop, where they review progress, hear about new approaches, and even get a pep talk or two.

They represent the front line of OIP, and Mike figures that if he has their attention, then his goal of reaching every employee of the company with the OIP message will be attained. □

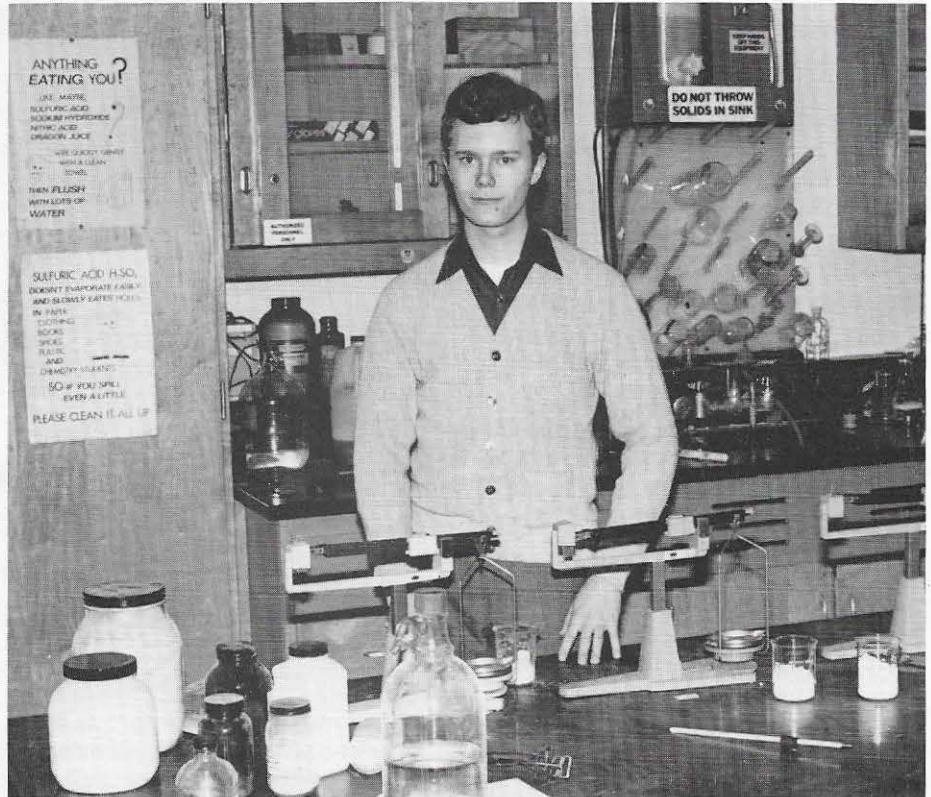
# Our educational award winners

Thirty-six sons and daughters of System employees have been selected to receive American Electric Power Educational Awards. Each winner will receive \$2,000 for his or her first year in college and \$1,500 for the second year.

The Educational Awards program was begun in 1955, with a single cash prize of \$500. The awards, based on grades, test scores and other information, are administered by the AEP System Educational Trust Fund. They are generated from dividend on AEP common stock and other investments and can be used only for educational purposes.

The winners from Appalachian Power are:

**Julie**, daughter of Jim Musgrave, Mountaineer Plant personnel supervisor. At Point Pleasant High School, she has been a varsity cheerleader, member of the marching and concert bands, Pep Club, and treasurer of the National Honor Society and Co-ed Hi-Y. She was selected to represent her school at Rhododendron Girls' State. She has achieved the highest rank in

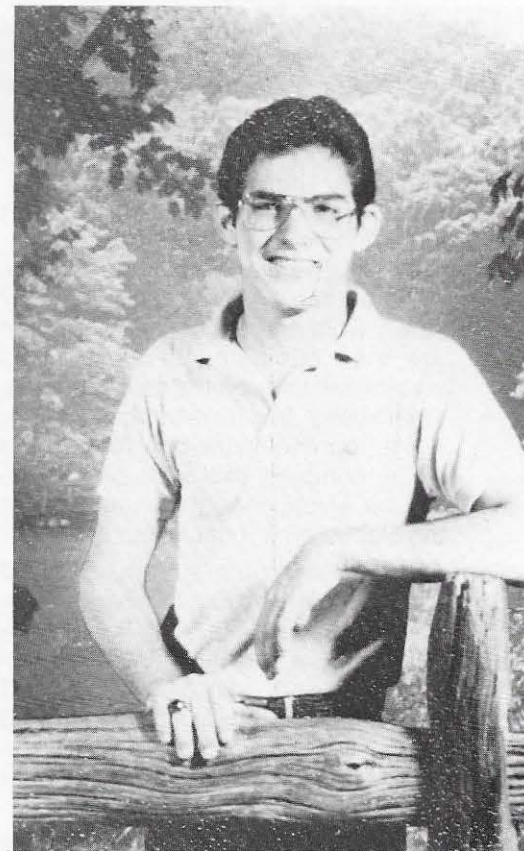


Blevins

Girl Scouting, first class, and earned the God and Community Award. She participated in the youth-in-government program at the State Capitol and was elected clerk of the senate. Julie will major in business and economics at West Virginia University and hopes eventually to go into corporate law.

**Duane**, son of John Blevins, line mechanic A, GO T&D, Bluefield. He plans to attend Concord College for two years and then transfer to West Virginia University, where he will major in pharmacy. At Bluefield High School, Duane is a member of the National Honor Society, LEO Club, Bible Club and SCA. He enjoys fishing and reading and works parttime at a local market. He attends Cumberland Heights Baptist Church.

**Timothy**, son of Billy Duty, instrument mechanic A, Clinch River Plant. He received appointments to both the U.S. Air Force Academy and the U.S. Military Academy and has decided upon West Point. The faculty of Lebanon High School chose Tim to be the recipient of the Boone Trail Chapter, Daughters of the American Revolution Good Citizen Award. Other awards and honors include: SVCC



Duty



Musgrave

mathematics in 1980 and 1981; National Honor Society; the Russell County Gifted and Talented Program; Boy's State best citizen - Patton City; CAP flight scholarship and CAP Mitchell Award. He is president of the SCA, has been a CAP Cadet Communication Officer, participates in varsity track and wrestling, and does volunteer work in civil defense, the Cleveland Volunteer Fire Department and Civil Air Patrol.

**Kelly**, daughter of Richard Downey, Roanoke engineering technician senior. She will major in secondary education at Liberty Baptist College after graduation from Staunton River High School. Kelly has been a member of her school's gifted and talented program and was nominated to attend the State of Virginia's Governor's School for the Gifted. She is a staffer on the school newspaper and annual; reporter, National Honor Society; secretary, senior class; and member, Latin Club. She plays the piano and is a vocal soloist at her church. She has worked for Blue Cross Blue Shield Insurance during the summer and has been a day camp counselor.

**David**, son of John Burnside, Central Machine Shop office supervisor. He has carried a 3.6 grade average throughout his years at Hurricane High School and has been a straight "A" student his senior year. David is listed in "Who's Who Among American High School Students." He is a letterman on the school's golf team; is



Downey

active in the drama class and school choir; and is a member of the school's math team. A member of the Glad Tidings Church, he has held leadership positions in the Royal Ranger Boy's programs, is a choir member, worker in the children's church program, and participates in the Frontiersman Camping Fraternity. David also works parttime at Hurricane Pharmacy and performs as a clown and magician at birthday parties and club socials. He will major in mechanical engineering at West Virginia Institute of Technology.

**Nancy**, daughter of Jack Jarrett, hydro plant supervisor, Kanawha Valley

Power. Nancy has had a 3.95 grade average during her years at Charleston High School and is salutatorian of the senior class. She is girl band captain and plays first trumpet in the school band; vice president, National Honor Society; member, Drama Club and director of this year's play; member, Bunny Club; homeroom representative, Student Council; and was first attendant to the homecoming queen and Miss Mountain Lion this year. She is a member of the Medical Explorers and enjoys swimming, reading and music. Nancy will study nursing at Eastern Kentucky University and plans graduate work to become an anesthesiologist. □



Burnside



Jarrett

## Two APCo men win stock in Ideas competition



Shoemaker



Painter

Fifteen employees from five companies of the AEP System won 1,251 shares of American Electric Power Company common stock worth approximately \$20,460 in the 1981 "Operating Ideas" annual competition. In addition, four employees of Ohio Valley Electric Corporation and its subsidiary, Indiana-Kentucky Electric Corporation, won a total of \$1,300 in cash prizes.

The winners had previously received awards for their articles on operations improvements at the time they were published in the bi-monthly technical magazine during the year, making them eligible for the annual competition.

The top prize of 250 shares of stock went to **J. E. Timperley**, rotating machinery specialist in the AEP Service Corporation's Electrical Engineering Division in Canton. His article, "R. F. Monitor Detects Incipient Faults in Rotating Machinery," appeared in the September/October issue of "Operating Ideas".

Runners-up to Timperley were:

### 200 Shares

**Jack Carr**, meter engineer, Ohio Power Company, General Service Laboratory, Canton, "Testing of Meters" (November/December).

**Gary Painter**, maintenance supervisor, and **Rex Shoemaker**, performance supervisor, both John E. Amos Plant, Appalachian Power Company, and **W. Warner**, maintenance production supervisor, Big Sandy Plant, Kentucky Power Company, "Low Cost

Pulverizer Modifications Really Improve Performance" (March/April). (Each man received 67 shares.)

### 100 Shares

**Larry Minnick**, performance engineer, Muskingum River Plant, Ohio Power Company, "Disc Increases Coal Fineness" (September/October).

**Susan B. Moorman**, program assistant, Public Affairs Department, Indiana & Michigan Electric Company, Fort Wayne, "Energy Awareness Program Aims at Youth" (May/June).

**Jeff E. Lindsey**, System Measurements Section, AEP Service Corporation, Columbus (formerly electrical engineer, Meter Department, Appalachian Power Company), "Interface Between Pulse Initiating Device and Scientific Columbus Microjoule" (January/February).

Shared by **Bruce Freimark**, senior engineer, and **Ron Marsico**, manager, Transmission Line Engineering Section, AEP Service Corporation, Columbus, "High-Temperature Operation of ACSR Conductors" (January/February).

### 50 Shares

**T.J. Harding**, project supervisor, Mitchell Plant, Ohio Power Company, "BFP Turbine Thrust Bearing Runs Cool After Modification" (November/December).

**Donald B. Iden**, meter electrician, Zanesville Division, Ohio Power Company, "Safer Single-Phase Socket Meter Test Connections" (January/February).

Shared by **Gary Mariage**, line mechanic, and **Kenneth W. Roach**, line crew supervisor, both Muncie Division, Indiana & Michigan Electric Company, "Safer Clearance for Three-Phase Line Extension" (July/August).

**Art Kelm**, control and instrument technician, Donald C. Cook Nuclear Plant, Indiana & Michigan Electric Company, "Checking of Heat Trace Thermostats Simplified" (May/June).

\*\*\*

Three cash prizes were awarded to four employees of OVEC and IKEC:

**R. G. Theiss**, maintenance super-

visor, Kyger Creek Plant, OVEC, "Improved Coal Burner Tips" (November/December) - \$600.

**Homer Dyer**, maintenance supervisor, Clifty Creek Plant, IKEC, "Detector of E. L. Pulverizer Oil Pump Failures" (January/February) - \$400.

**Loren E. Martin**, maintenance mechanic, and **John C. Lemm**, maintenance supervisor, Clifty Creek, "Clearing Time Reduced by Piping Change" (March/April) - \$300 (shared). □

## Adkins named assistant manager at Kanawha River

Earl Adkins was named assistant manager of the Kanawha River Plant on March 1. He rises to the post from that of maintenance superintendent. Adkins succeeds S. Von Caudle, who became the second assistant manager of John E. Amos



Plant last July.

Adkins, who holds a diploma in mechanical engineering from International Correspondence Schools, began his career at Cabin Creek Plant in 1942 as a laborer. He transferred to Kanawha River in 1953 as a maintenance man and held various positions before being named maintenance supervisor in 1971. He became maintenance superintendent in 1977. Adkins has attended the American Electric Power System Management Program at the University of Michigan Graduate School of Business Administration. □

## Acid rain bill would raise AEP customers' rates an average of 63.3%

A proposed "acid rain" bill in the U.S. Congress would cost customers of the American Electric Power System an average increase in rates of 63.3 percent, an AEP study revealed last month.

The legislation, if enacted into law, would cost the 2.5-million customers of the AEP System almost \$2 billion per year every year. Other electric utilities with similar coal-fired generating plants could be expected to face similar spending and increases in their rates.

The study, carried out by the System Planning, Rate and Engineering Departments, analyzed the economic impact of a bill introduced by Senator George J. Mitchell (D-Maine). It calls for a moratorium on increases in sulfur-dioxide emissions in a 31-state region and a 10-million-ton reduction in such emissions by 1990.

Mitchell testified in Congress that the 10-million-ton figure is "arbitrary," and supporters of the legislation have stated there is no certainty that the emission reductions would diminish the perceived problem of "acid rain." There have been published reports of Congressional cost estimates of \$2.2 to \$4.1 billion a year for the entire 31-state region.

AEP Chairman W. S. White, Jr. said, "The Mitchell bill impact is horrendous. Any variant of the Mitchell bill would be horrendous. It is obvious from the study that the total cost of such a program could well reach the \$15 billion a year range for all the customers and companies involved. In the case of the Midwest, this cost would be imposed on a region of the country that is already experiencing economic recession.

"The bill is even more horrendous when one considers that its authors can only speculate that it might succeed in reducing the acidity of rain in the East and in Canada. There is no in-

telligent, unemotional estimate, let alone a guarantee, that the legislation would do what it purports to do. For Congress to enact such legislation would be a national tragedy."

Five of the AEP System's eight operating companies have coal-fired power plants that would be affected by the Mitchell legislation. The AEP study shows that nearly all of them could be forced to install "scrubbers," or switch from present coal supplies to lower sulfur coal or, in some cases, be shut down.

The analysis shows that AEP's coal-fired generation represents 9.8 percent of the coal-fired generating capacity, 10.8 percent of the electric utilities' coal consumption, and 11.2 percent of the electric output from all coal-fired generating plants in the 31-state region. AEP's share of the emissions reductions would be 12.9

percent. Investment for scrubbers and replacement capacity by the AEP System alone would be about \$7.2 billion in 1981 dollars. The annual capital and operating costs would be \$1.992 billion.

Such spending would result in an overall average rate increase of 63.3 percent, excluding other rate increases that might be required to meet rising operating expenses, higher interest rates or increased fuel costs.

In some service areas the figure would be much higher. In case of Kentucky Power Company, for example, residential customers would be faced with a 106.4 percent increase in their rates.

The tables elsewhere on this page show the estimated annual costs of complying with the Mitchell bill and the increase in retail customers' rates that would result. □

	Increase (%) Over Current Rates			
	Type of Customer			
	Res.	Ind.	Com.	Total
Appalachian Power:				
Virginia .....	48.3	54.7	54.4	51.8
West Virginia .....	45.4	80.7	56.8	58.8
Columbus and So. Ohio .....	38.4	77.4	44.7	42.3
Indiana & Michigan:				
Indiana .....	56.2	86.9	73.9	70.0
Michigan .....	72.1	107.8	80.0	83.1
Kentucky Power .....	106.4	106.1	87.8	101.1
Kingsport Power .....	54.7	59.3	46.3	54.4
Michigan Power .....	53.2	67.7	67.2	62.2
Ohio Power .....	64.7	87.2	67.8	72.7
Wheeling Electric .....	57.2	75.8	70.5	69.6
Total - AEP System .....	<u>55.6</u>	<u>79.0</u>	<u>60.7</u>	<u>63.3</u>

	Est. Annual Costs
	in 1981 Dollars
	(in millions)
Appalachian Power .....	\$ 514
Columbus and So. Ohio .....	214
Indiana & Michigan .....	459
Kentucky Power .....	160
Ohio Power .....	645
Total - AEP System .....	<u>\$1,992</u>

## New variable interest rate for Fixed Income

The Fixed Income Fund, one of three funds making up the AEP System Employees Savings Plan, once again has adopted a variable interest rate — at least for four months.

The variable rate, which was in effect during the nine-month period of April-December 1981, has been reinstated for the four-month period March-June 1982. It will vary month to month, pegged to the prevailing discount rate on 90-day U.S. Treasury bills. However, while the rate probably will be higher than the fund's most recent set rate of 11.85 percent (in effect in January and February this year), it will not be lower.

The interest rate for March, for example, was 14.42 percent. Assuming rate changes in ensuing months, the adjusted rate will be applied to all contributions made after March 1 and not just to future contributions. Thus, it is possible that four different rates could — and probably will — apply for the four months that the plan will be in effect.

Employees will be advised of the new interest rate each month.

The improved interest rate was announced by the Equitable Life Assurance Society of the United States in a letter to the company last month. The AEP System has a contract with Equitable for the Fixed Income Fund portion of the savings plan.

Over 76 percent of employees' investments in the savings plan are in the Fixed Income Fund. The other two funds, the AEP Stock Fund and the Equity Fund, are not affected by the change in the Fixed Income Fund. □



## AEP companies participating in Fair exhibit

The May 1 opening of the 1982 World's Fair in Knoxville, Tennessee, is less than a month away.

With "Energy Turns the World" as the fair's theme and America's electric energy industry holding the distinction of being its largest corporate exhibitor, hundreds of employees of the American Electric Power System are planning to attend.

The AEP System companies are participating through their membership in America's Electric Energy Exhibit, Inc. (AEEE), a non-profit corporation of utilities, businesses and associations involved in the electric energy industry that was formed especially to take part in the fair. The AEEE pavilion will cover 15,000 square feet on a 20,000-square-foot landscaped site.

More than 11-million people are expected to visit the fair during its six-month tenure, May 1-October 31, including President Reagan, who is scheduled to participate in opening-week festivities.

International participants include: Italy, France, West Germany, Great Britain, the European Economic Community, Hungary, Saudia Arabia, Korea, Japan, China, Australia, Canada and Mexico.

Admission is \$9.95 per day for adults and \$8.25 for children. Two-day tickets for either adults or children are \$15.95. Tickets may be ordered from: Admission Office, 1982 World's Fair, Knoxville, Tennessee 37901.

Hotel/motel reservations and information are available by calling (615) 971-1606 or 1015. Also, those interested in vacationing in the Knoxville area may obtain vacation directories, including hotel and restaurant information, by calling, toll free, (800) 251-9868. □

## SCC okays fuel factor increase

The Virginia State Corporation Commission has approved Appalachian Power Company's request that its present fuel factor of 1.8648 cents/kwh be increased to 2.1283 cents/kwh. The increase is effective with April billings.

The average residential customer using 1,000 kilowatt-hours per month will experience an increase of \$2.64. □



## Four proposals on shareowner agenda

American Electric Power Company's 75th annual meeting of shareowners later this month will take up four proposals: one by the company and three by shareowners. The meeting will be held April 28 in Wheeling's Oglebay Park, and admission will be by ticket only.

The meeting will be the final one for one of AEP's 15 directors, William W. Boeschstein, who announced last month that, because of the press of business, he would not stand for reelection. The other 14 directors are up for reelection at the meeting.

Boeschstein has been a member of the AEP board since 1969, ranking fourth in seniority. His departure will mean that, for the first time in 20 years, a member of the Boeschstein family of Toledo would not be active in the affairs of the company. Harold Boeschstein, his father, was elected a director in 1962 and served until 1969. At the time of his election to the AEP board, Harold Boeschstein was president and chief executive officer of Owens-Corning Fiberglas Corporation, the position now held by son William.

The company's proposal to be voted upon by the shareowners would authorize an increase, from 175- to 200-million, in the number of shares of common stock that may be issued. (As of March 9, there were 161,453,665 shares outstanding.) The additional shares will be needed over the next two years, the company said in its proxy statement, to help finance the AEP System's construction program, estimated to cost almost \$2 billion during the 1982-83 period.

The three shareowner proposals are:

- A resolution, submitted by The United Presbyterian Church and others, calling upon the AEP board to (1) "take urgent steps to develop conservation and alternative energy programs to meet customer demand for electricity" and to report back to the shareowners by September, and (2) review plans for completion of the Zimmer Nuclear Plant "to see whether such completion can be justifi-

fied on financial, environmental and public safety grounds, given its numerous quality control problems and increased energy conservation and alternative energy use." (The Zimmer Plant, now under construction on the Ohio River at Moscow, Ohio, will be owned by three utilities: The Cincinnati Gas & Electric Company, its operator, The Dayton Power and Light Company and Columbus and Southern Ohio Electric Company. Licensing hearings for it were concluded last month by the Atomic Safety & Licensing Board.)

- A resolution, offered by a New York City shareowner, asking that the company "adopt a policy of accepting a larger share of social responsibility by increasing its cash gifts to philanthropic agencies and other gifts in support of socially beneficial programs."

- And a resolution calling upon the directors "to consider feasible and economic alternatives to the present construction program," including suspending plans for its proposed Brumley Gap pumped-storage project in Virginia and reevaluating plans to build new 765,000-volt transmission lines. This proposal was made by eight shareowners, including five from Virginia.

The company is opposing all three shareowner proposals. □

## AEP Generating Co. incorporated

There's another company in the American Electric Power System.

The AEP Generating Company, a direct subsidiary of American Electric Power Company, was incorporated March 16 in the state of Ohio, and its organization was authorized March 24 by the Securities and Exchange Commission, under the Holding Company Act of 1935.

The SEC order also authorized AEP Generating to acquire a 35 percent interest in the AEP System's newest generating station, the 2.6-million-kilowatt, coal-fired Rockport Plant in Indiana. Balance of the station would

be owned by Indiana & Michigan Electric Company (50 percent), its builder and operator, and Kentucky Power Company (15 percent). Expressed in terms of capacity, I&M would own 1.3-million kw; AEP Generating, 910,000, and Kentucky Power, 390,000 kw.

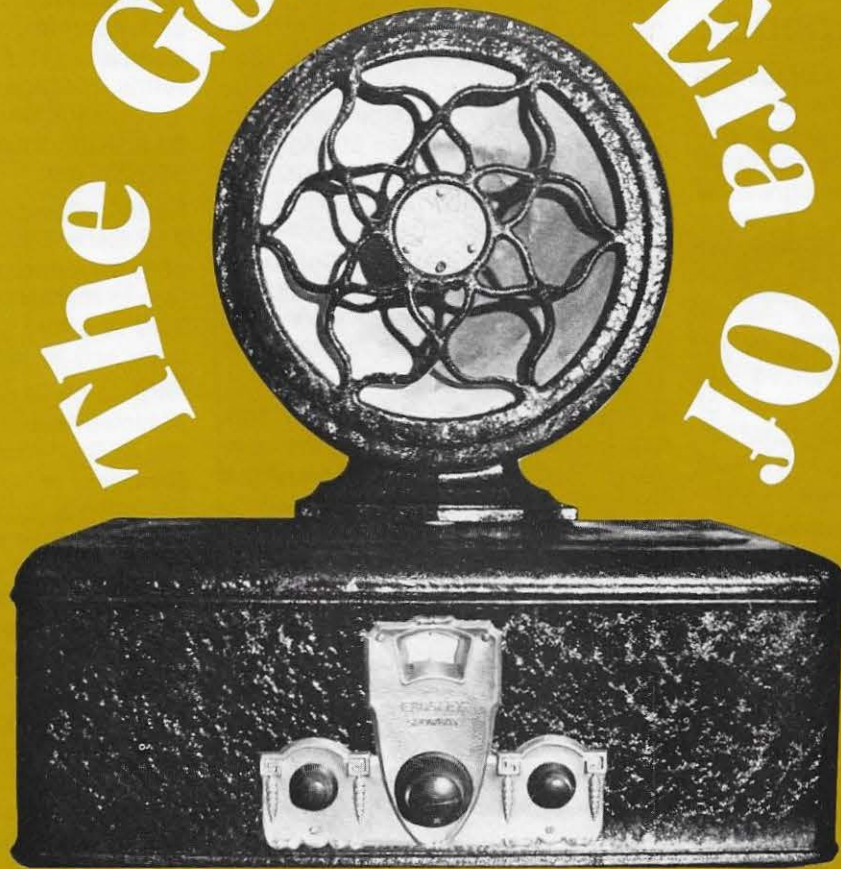
Further ahead, it is contemplated that AEP Generating might also own parts of future power plants on the AEP System to the extent necessary or desirable to afford greater financing flexibility and to facilitate their construction.

Meanwhile, a second proposal before the SEC — formation of AEP Energy Services, Inc. — remains pending, and AEP is providing additional information requested by the commission. This proposed company, which also would be a direct subsidiary of the parent AEP, would market electric utility services to non-affiliated companies.

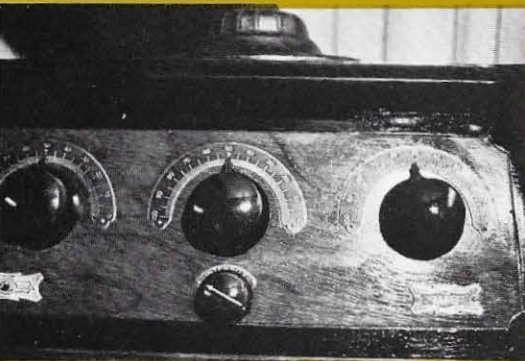
Board of Directors of the new AEP Generating Company is made up of eight senior officers of the AEP Service Corporation: W. S. White, Jr., Richard E. Disbrow, Frank N. Bien, John E. Dolan, Robert S. Hunter, Peter J. DeMaria, A. Joseph Dowd and Gerald P. Maloney.

At the first meeting of the board, March 25, the following officers were elected: White, chairman; Disbrow, president; Bien, Dolan, Dowd and Maloney, vice presidents; DeMaria, treasurer, and John R. Burton, secretary. □

# The Golden Era Of



# RADIO



Before the family radio moved onto the kitchen counter, it was the centerpiece of the living room — a handsomely crafted piece of furniture, most often made of mahogany.

The "Golden Era" of radio was the Thirties with Ed Wynn, Jack Benny and Mary Livingstone, Fibber McGee and Mollie and many, many other stars, not to mention FDR's fireside chats with America during the Depression.



But antique radio collectors like Harold Rulen, manager of Central Machine Shop, prize those old models manufactured before 1930.

"I have 14 radios that range from 1923 to 1930. The ones that are most prized date from 1930 and back. The older the better," he said.

"With the introduction of radios, the very early sets were sold in kit form. The individual put them together himself.

"Then, around 1922 the manufacturers began to assemble the radios. The circuitry is very simple. Most of them in the early Twenties up through 1924 would be anywhere from a one-tube set to perhaps a three- or four-tube set.

"From the mid- to late-Twenties are the years when they began to get into the cabinet models, particularly after the AC models came out. They really had beautiful cabinets — mahogany and beautiful woodwork. In the late Twenties, if you were in style, you had a console radio.

"There were very few speakers in the very early Twenties. The radios came with a set of headphones, and speakers were extra. Later, as speakers came into the picture, they were not built in. They were also a separate item for a few years."

Asked about some of the collector's items, Rulen said, "The Atwater-Kent breadboard is a desirable model. It's nothing but a flat board with all the components mounted on top. That's all there was to it.

"In 1930 and 1931 in particular there were sets put out by Philco and Atwater-Kent that are referred to as "cathedrals." Those are desirable sets also."

A home repair led indirectly to Rulen's interest in old radios. "I was working at Central Machine Shop when it was located at the Amos plant. I had a high voltage transformer go out in my TV. A TV shop gave me a price of a little over \$100 to fix it. It was an old set, and I didn't think it was worth that much money for a repair job.

"I was talking to J. A. Moore (former Amos plant manager) about it, and he said why don't you put one in yourself? He knows quite a bit about elec-

tronics and offered to help if I needed it. So, I bought a transformer for \$30 and put it in after two evenings of work.

"That sort of got me interested. I started working on TVs a little. When one in the family would break down, I would tackle it.

"I got interested in radios about two years ago. There are two things about the old radios that I like. My whole life's work has been mechanical. So, as a hobby I wanted something that didn't resemble my everyday work. Reason number two, I do like old items, not necessarily antiques, but anything old to preserve the past — something to pass on to the next generation."

Rulen is not interested in radio restoration simply for the sake of having an idle furnishing. "What I enjoy about it is making them play to the very best of what they were engineered and built for. That's really what I enjoy more than just collecting. Any of them that I have will play.

"You can't buy parts today for the radios I collect. If you have a bad part, you have to rebuild it yourself. Tubes for the very old sets are not manufactured anymore. As I travel around different places in the country, I will visit old, established radio shops. Quite often they will have some tubes back in a corner. When I run into something like that, I buy them up. I've probably acquired around 400 old tubes."

Along with J. A. Moore, who has been restoring old radios for a number of years, and other kindred spirits in the Charleston area, Rulen helped found a chapter of the Antique Radio Club of America. Rulen is the secretary.

Rulen, Moore and their wives attended the national convention last year in Louisville. This year's event will be in Lake Placid, New York. They plan on attending.

"Although we don't have confirmation yet, it appears that the 1983 national meeting will be held in Charleston. We hope it will," he said. If so, they will have a small but enthusiastic host chapter. □



# Power plant water studies save AEP customers millions of dollars

"We're out there to find the truth; facts instead of speculation. As a result, we are saving the AEP System and its customers millions of dollars," said Thomas A. Miskimen.

A staff engineer in the AEP Service Corporation's Environmental Engineering Division in Canton, Miskimen spoke of water studies that have been conducted in the vicinity of AEP System steam power plants for more than 10 years.

Research into aquatic life as it relates to areas of heated water discharge around such plants has been beneficial to the System in dealing with federal and state environmental regulations. Such studies have proven that thermal discharges from once-through cooling systems — those without cooling towers — have no harmful effects on fish or plant life. This knowledge, based on AEP's research, has resulted in large savings rather than unnecessary expenditures to install additional water-cooling and other equipment at system plants.

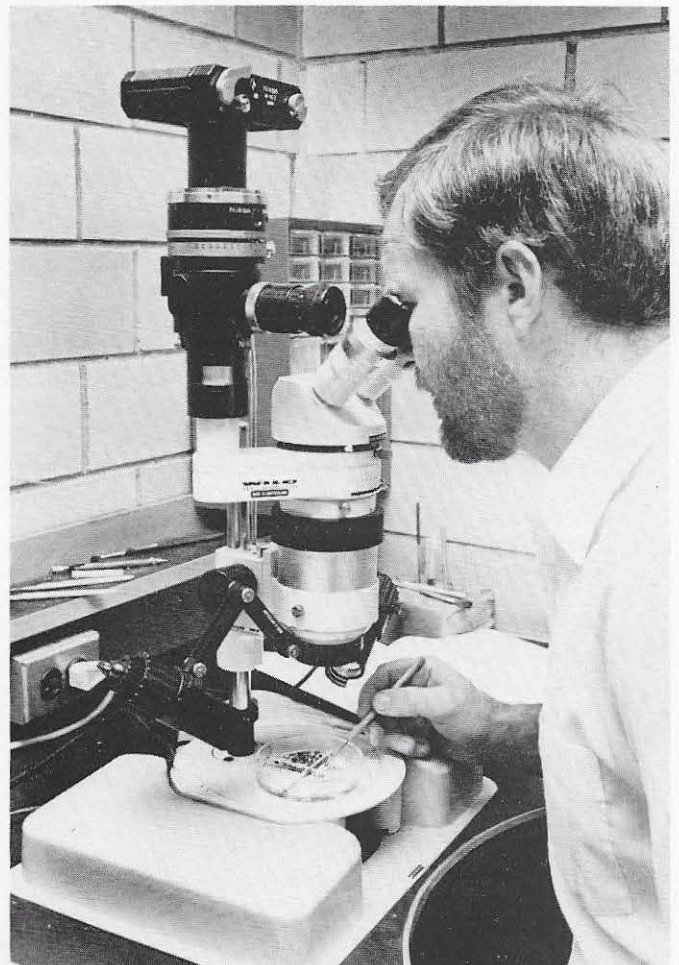
Studies have been conducted at Ohio Power Company's Muskingum River Plant on the river of the same name, Appalachian Power Company's Glen Lyn Plant on the New River and Indiana & Michigan Electric Company's Donald C. Cook Nuclear Plant on Lake Michigan, as well as at other plants along a 500-mile stretch of the Ohio River. The latter river studies are being conducted at Ohio Power and I&M generating stations, as well as those of Ohio Edison Company, The Cincinnati Gas & Electric Company, Buckeye Power, Inc. and Ohio Valley Electric Corporation.

Each study begins with a "motivating reason," "project objectives" and "expected benefits," such as the following for the current phase of the Ohio River Ecological Research Program:

**Reason** — Clean Water Act and National Environmental Policy Act regulations require certain assessments of the ecological impacts of the operation and/or siting of power plants. These in turn require that base data on the condition of the ecosystem be available when such impact statements, as well as water-quality standard variances, are written. The current (1981-83) program will maintain the continuity of the data base developed since 1970 and will be used in the future for plant siting and in connection with the waste-water-discharge permit program.

**Objectives** — The research includes studies of fish, plankton and benthic macro-invertebrates at the Cardinal, Sammis, Kyger Creek, Beckjord and Tanners Creek Plants. These studies will document the presence, abundance and distribution of fish and benthic organisms, and the abundance of plankton, near the study sites.

**Expected Benefits** — The current three-year continuation of the program is expected to provide site-specific field data needed in procuring permit renewals for AEP System plants and information useful in formulating and revising state and federal water-quality standards for the Ohio River. Results should negate the need for costly



Ken Wood, biologist in the Environmental Engineering Laboratory, Huntington, uses a microscope to identify aquatic insects.

short-term studies and limit large expenditures for capital or operating purposes resulting from "impacts" perceived by regulatory bodies.

To say that the Ohio River and other studies have been successful is an understatement.

Here is a review of some of the studies:

## Ohio River

Data collected at all five sites, listed earlier, are applicable to addressing the effects from other AEP System cooling systems of the once-through type, and to the environmental assessment of power plant sites on the Ohio. Also, the data will be useful in the evaluation of proposals by the U.S. Environmental Protection Agency to set water-quality standards for the Ohio.

A total of 71 species of fish were documented in the Ohio River studies in one year (1980), nine more than the previous year and 30 more than in 1973. One of the 71 is an unusual looking fish variously called the paddlefish, spoonbill catfish or shovelnose cat, a primitive creature with a flat, spatulate snout and a large, gaping mouth. It's

found in less than a dozen major rivers in the U.S.

Paul Loeffelman, biologist in Environmental Engineering, pointed to one project that should benefit from the studies. "At the Tanners Creek Plant of I&M, we have not found the justification to spend an estimated \$89 million for mechanical-draft cooling towers to reduce heated-water discharges and rates of entrainment and impingement." He added, "The long-term data base generated by the program has helped AEP and other utilities by documenting that aquatic life in the river can and does coexist with power plant operations."

#### Muskingum River

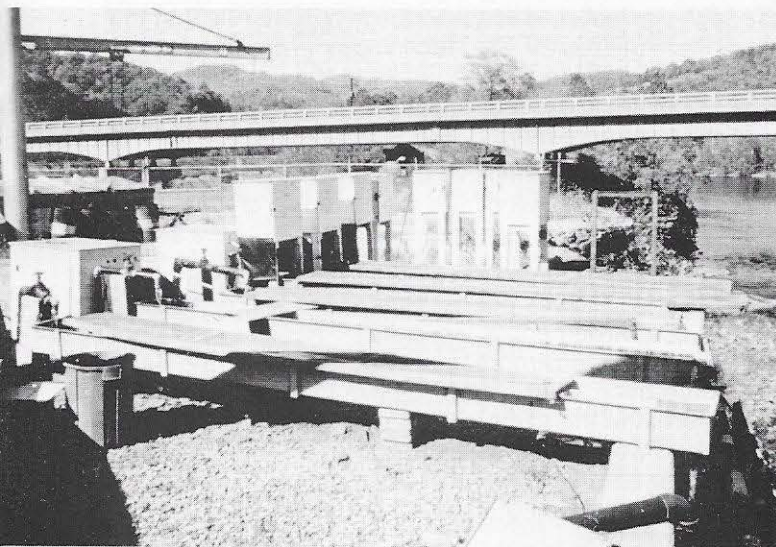
River-temperature studies were undertaken near the Muskingum River Plant in 1966 and biological studies in 1970. A wide variety of tests has led to the conclusion — according to a report filed by Ohio Power with the Ohio EPA on March 1 this year — that, "because the balanced, indigenous community in the vicinity of the Muskingum River Plant has been and will be assured, alternative thermal-effluent limitations that are less stringent than those required to satisfy Ohio thermal water-quality standards should be granted for the plant by the Ohio EPA. These alternative thermal-effluent limitations will assure the protection and propagation of the balanced, indigenous community as required" by law.

The studies have determined that the thermal part of the plant's once-through cooling system has not caused appreciable harm to the river biota near the plant. In short, fishing continues to be very good there. Species include channel catfish, bluegill, spotted bass and freshwater drum.

What the Muskingum studies have concluded is that construction of cooling towers for the plant's Units 1-4 (Unit 5 has a cooling tower) is not necessary and would result in no real benefit to the aquatic life. Should the EPA agree, it will mean that some \$60 to \$84 million won't have to be spent for construction of towers.

#### Glen Lyn

A mobile laboratory sits adjacent to the Glen Lyn Plant's greenhouse. There, field observations are made of the



Artificial stream system at the Glen Lyn Plant used to test the effects of fly ash effluent upon algae, aquatic insects, crayfish, clams and fish population.



A status report of the Glen Lyn research program is discussed by (from left) Messrs. Loeffelman, Gaulke and Miskimen in the AEP Environmental Engineering Division offices at Canton.

plant's cooling water discharges into the New and East Rivers by scientists from Virginia Polytechnic Institute and State University. Earlier, checks had been made on temperature effects on aquatic life and the "avoidance response" of fish to chlorinated discharges.

John VanHassel, another Environmental Engineering biologist, said that continuing research at Glen Lyn "has provided valuable insight into the effects of fly ash and bottom ash on fish and other organisms in the New River and tributaries."

Similar studies were begun last year at Kentucky Power Company's Big Sandy Plant on the river of the same name.

The Glen Lyn studies, which began in 1973, provided information for Appalachian Power's comments to the Commonwealth of Virginia with respect to proposed revisions to its standards for mercury in water, showing that the proposed standards were much lower than necessary for the safety of aquatic life.

Data also were used to back up comments to the Water Resources Board of West Virginia, enabling Appalachian Power and Ohio Power to obtain new limitations for trace amounts of arsenic and selenium in the fly ash pond discharges into local creeks from the John E. Amos and Mitchell Plants. This avoided the need to install alternative fly ash-disposal or discharge-control systems at both plants, avoiding an added cost of at least \$1 million at each location.

The Glen Lyn studies used a variety of scientific techniques, including the use of high-powered electron microscopes, a diffractor that bombards the ash with X-rays to help determine its mineral content and an atomic ab-



Studies of Lake Michigan off the Donald C. Cook Nuclear Plant have been carried out for more than 15 years — both before and during the plant's operation — by the Great Lakes Research Division of the University of Michigan. In this photo, aquatic scientists seine fish to count and classify.

sorption spectrophotometer that measures minute amounts of trace elements in the ash.

#### Lake Michigan

In 1966, when I&M was looking for a site for the Cook Plant, it commissioned scientists from the University of Michigan's Great Lakes Research Division to study the station's potential environmental impact on Lake Michigan. They were asked to determine what effect the operation of a large nuclear plant would have on water quality and the lake's ecosystem. The studies are continuing today, more than 15 years later.

Pre- and post-operational studies concerned effects on fish, plankton, algae, macrophytes, benthic invertebrates and periphyton. The early studies were instrumental in a ruling by the Michigan Water Resources Commission (MWRC) that the plant would not require cooling towers. In 1971, lower thermal-discharge standards were put in effect. Even so, subsequent studies demonstrated that Cook still could operate safely within the new specifications, without expensive modifications.

Currently, the state of Michigan is evaluating the plant's water intake system to determine if it complies with regulations. I&M's compliance report, based on the various studies conducted by the University of Michigan, concludes:

"The existing Cook Nuclear Plant cooling-water intakes reflect the best technology available for minimizing adverse environmental impact because (a) the present lev-

el of entrainment losses do not adversely affect the aquatic environment, and (b) at the time of intake design, there existed no intake technology for once-through cooling systems capable of reducing larval entrainment."

The report went on to point out that evaluation of all alternatives disclosed no design superior to the existing intake system.

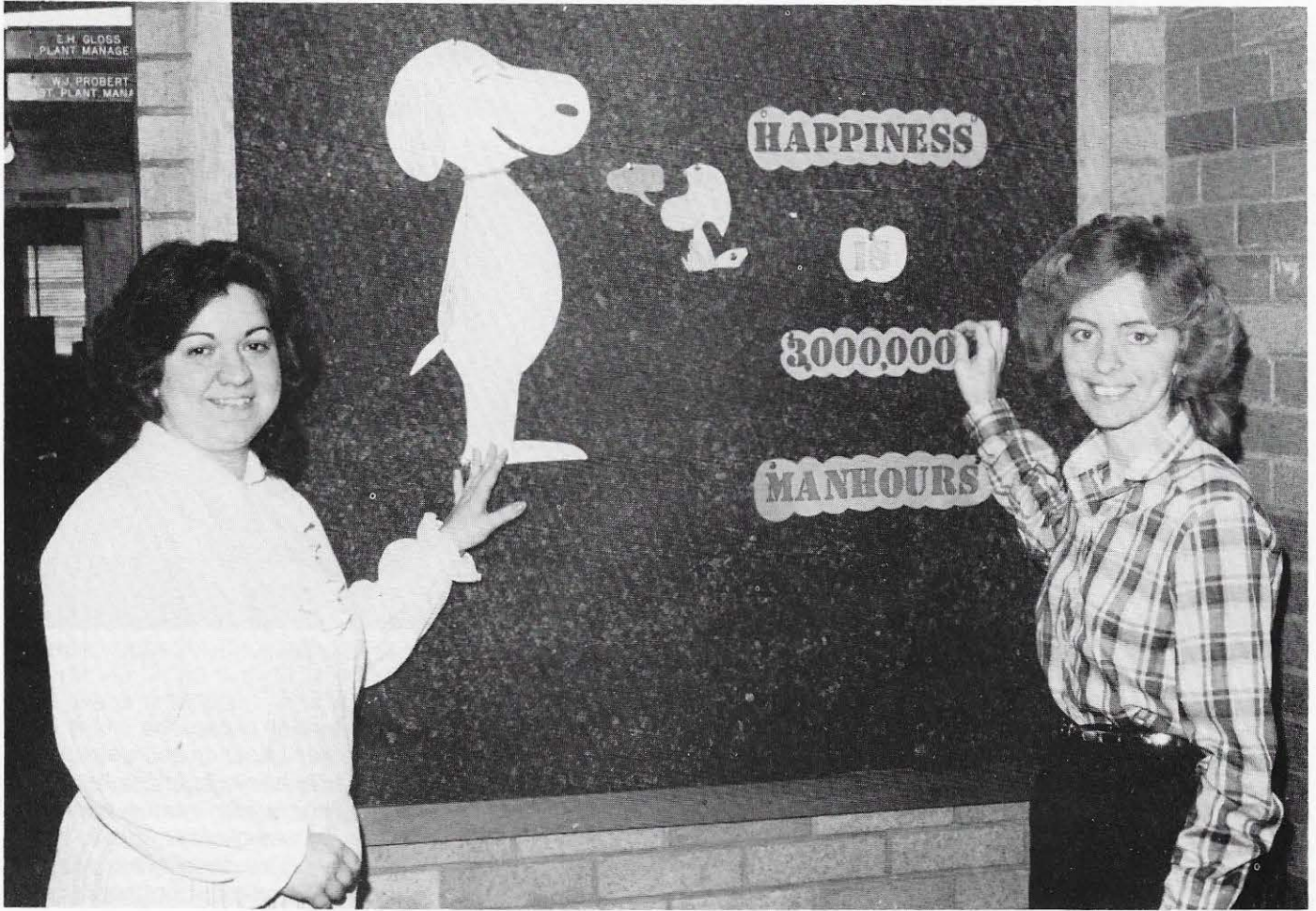
Through the report, I&M asked the MWRC to rule that the Cook Plant utilizes the best technology available and that no changes are required. At stake in the matter are millions of dollars in expenditures to equip the water intakes with different screening.

The AEP System's extensive program of water research (the examples discussed here are but a few of many) has been carried out as a part of its commitment to the area it serves.

As Robert W. Reeves put it, "Preserving and enhancing our total environment is essential." Reeves, assistant vice president - environmental engineering for the Service Corporation, said, "All of us live in the same world. We all breathe the same air; we drink and use the same water; and we all have the same need to understand and appreciate nature. When the environment in which we live is threatened, all of us are threatened.

"The AEP System is striving to produce electric power in the cleanest possible way — so that its generation has the least possible impact upon the environment." □

# Our brother's keeper



The slogan on this bulletin board sums up the feeling of all Sporn employees. Debbie Carter (left), personnel clerk, and Guyla Roush, secretary-stenographer, decorated this board.

Philip Sporn Plant holds the all-time safety record for power plants in the AEP System. Employees at Sporn, as of March 24, had accumulated 3,049,245 hours without a disabling injury, spanning a period of more than four years.

What are they doing at Sporn that's different from any where else on the System? According to Plant Manager Gene Gloss, a lot of other managers are asking that same question.

"One of the keys is attitude," claims Gloss. "And just how do you get employees in the proper attitude to work safely and maintain a safe record? I believe you have to know all your people — your supervisors, your physical workers and clerical workers — and determine what is the best way to approach them to indicate your interest in safety and to try to stimulate them to thinking along those lines.

"We used to put on the blackboard at the top of the stairs, 'you are your bro-

ther's keeper'. This was to remind each employee that he or she is an important part of the safety program. An employee will see more potential hazards and unsafe work activities than certainly a plant manager would.

"We ask employees to be their brother's keeper in the sense that, even if the other person doesn't work in their department, they take some action to prevent their brother from suffering harm. Basically, that's the program. We try to encourage all the good activities and discourage the bad. To do this obviously you have to have solid cooperation from everyone.

"Bill Probert, assistant plant manager, handles much of the activities on a day-to-day basis as far as the operation of the plant is concerned. For instance, he will watch carefully the unsafe condition reports. He is in the plant safety steering committee, and one of his responsibilities is to review

any unsafe conditions we have and to coordinate and enforce the correction of these unsafe conditions. Also, Bill works directly with individual supervisors in any accident situation."

Probert says, "Any time a supervisor has a medical injury report, he has to bring the report to me and explain why it happened. What was the cause? What can be done to prevent it from happening again? We hope the supervisor hates so badly to come upstairs with that accident report that he will be a little more careful about what his people are doing in the area of safety. A medical injury report is filled out any time an employee is taken to the doctor. I feel that the safety program has to be carried out in the plant. If you see an employee doing something unsafe, stop him."

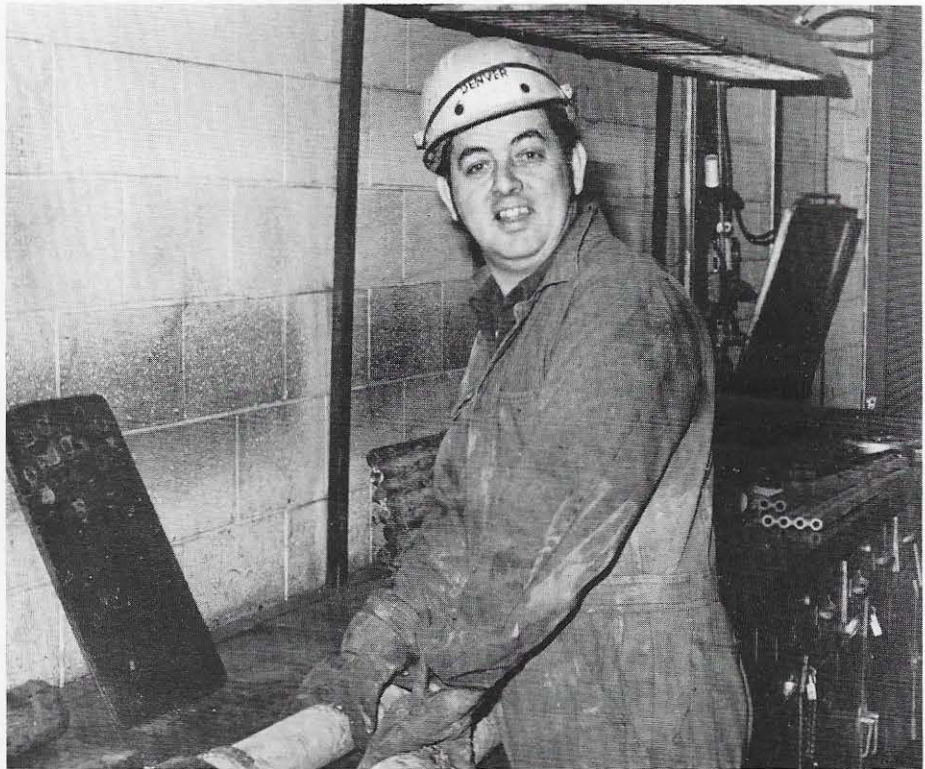
Gloss adds, "We have had good cooperation between departments, whereby a supervisor of one depart-

ment would observe an unsafe physical activity by someone in another department and take action to correct the situation.”

Philip Sporn has a history of maintaining excellent safety records. It was recognized numerous times in the past by its operator, Appalachian Power Company. The plant surpassed the one-million-hour mark one other time since Gloss became manager in 1970 and one time prior to 1970 when he was assistant manager. Between 1950, when the plant began operation, and 1957, the one-million-hour milestone was also attained once.

Despite the recognition received by the plant for its safety accomplishments, Gloss felt his employees had become complacent. “Regardless of the record, I was looking for something to point out to employees the need of keeping their eyes open. Going through the plant on my daily tours, I found what I felt were many, many unsafe conditions. I got our photographer, and the two of us walked nearly every inch of this plant. We took a slide of every potentially dangerous or unsafe condition until we ran out of film.

“I called a meeting of mostly maintenance people into our training room and went through the slides, pointing out the unsafe conditions. I elicited no comment from the supervisors, but I made plenty. I told the people in no uncertain terms I would not put up with this any longer and that I expected a drastic change within one week’s



Denver Gibbs, maintenance mechanic A, is a member of the plant’s safety steering committee.

time. It was effective. I expected a change, and I got a change.

“I didn’t realize until recently that all new employees are shown this slide presentation during their training program. They are told ‘this is the way it was, and this is the way it can’t be. When you are working, do not leave your work area in this condition’.”

Gloss continues, “In early January we

had a turbine outage on unit 4. I had been off on vacation and was upset by the housekeeping conditions around the turbine when I came back. All I had to do was mention this to the supervisor. The area was promptly cleaned up and put in good working order.

“I didn’t go into any details. All it required was a reminder. This makes an impression on the physical workers. They see me come out, talk to the supervisor and point my finger in several directions. Then shortly thereafter people are assigned to clean up the mess. They can see that management is definitely behind the safety program. In spite of a unit outage, we will take the time and the people to make the work area safer than it was before.”

Sporn Plant has also established an alternative duty program which helps keep an employee on the job after a minor injury. With approval of the employee’s doctor, the employee may return to work and be assigned to another less strenuous job until he is able to return to his normal position.

“Some people may say this is cheating to keep the record going, but we consult very closely with the doctor. For instance, one of our employees sprained his neck on the job and had



Gene Gloss (left), plant manager, and Bill Probert, assistant plant manager, check the housekeeping around the area of a turbine down for maintenance.



to wear a padded collar. After talking to the doctor, we found that the employee could work in the supply room where the job of lifting and placing lightweight objects on shelves above his head would be rehabilitative."

The alternative duty program also plays a role for employees injured away from the job. "We want to keep our employees at work," Gloss says. "If they are injured off the job, we try to see that they don't lose pay. For instance, one fellow broke his ankle while playing in a church basketball league. He had a cast on his ankle and an iron heel, and we had him cleaning the maintenance shop. We try to show employees that we are interested in them as persons and not just interested in maintaining a safety record. This person's injuries had absolutely nothing to do with our plant safety record."

How do employees feel about the plant's safety program?

Denver Gibbs, maintenance mechanic A and member of the safety steering committee: "I go around to different employees in the plant and ask them if they have an unsafe job or unsafe condition they would like me to bring up in the safety committee meetings. Then we decide how to correct it. I think it's great to accomplish a three-million-manhour record in a place like this. Safety to me means that when 4 o'clock comes I can go home and be with my wife and two daughters."



Jim Gilmore, maintenance mechanic B, says everybody looks out for each other at the plant.

Jim Gilmore, maintenance mechanic B: "We look out after each other here. No one wants to get hurt or cause a fellow worker to get hurt. Supervision stresses safety, and I think everyone here is safety minded."

David Kearns, unit supervisor: "Teamwork is a big factor. Everybody

gets along real good with one another. We have a good understanding of instructions as far as safety is concerned, and we look out for the other person."

"We're proud of setting the AEP System safety record," says Laborer Roger Barnett. "We worked hard to get it. On previous jobs I've had, it seemed like safety was the farthest thing from anybody's mind. But safety is on everybody's mind here. It means a lot to my wife and little boy to have me work safely. It means a lot to go home to them in the evening."

Rick Lake, tractor operator, is an employee who has been working on alternative duty since he sprained his ankle after stepping on ice. "They told me at the hospital to take five days off, and I said 'I'm not going to do it'. I came out to work the next night. I come to work sometimes when I am not feeling too swift. I figure it helps the company out on its insurance rating. If it cuts down on operating expenses, it helps the rest of us out." □



Rick Lake, tractor operator, is on alternative duty while his ankle heals.

## You couldn't ask for a better place to work

Otha Hawkins recalls that when he came to work in the Lynchburg garage 25½ years ago there were 43 pieces of equipment. "There was no automatic transmission or hydraulic like we have now. And the fleet has increased to close to 70 pieces of equipment," Otha notes.

He continues, "When I came out of service, I started working for Cradock-Terry Shoe Company. A friend told me about an opening at Appalachian, and I was lucky enough to land the job."

After 4½ years as an auto repairman helper, Otha transferred to the Accounting Department as a meter reader. "Back then we did no collecting, cutting off or anything like that," he recalls. "All we did was read meters every two months." In 1965 Otha



Hawkins

returned to the garage as auto repairman A and remained there until his early retirement April 1.

"I'm looking forward to retiring," he says, "but the company has been just fine. You couldn't ask for a better place to work."

Because Otha worked second shift, he did not get to know the other employees as well as he would have liked. "At night, there are three in the garage, two custodians and the control man. I know most of the other employees by seeing them in the afternoon, but you don't have fellowship with somebody you just say howdy to."

"There was one advantage to working second shift, though. My wife Kathleen is on the same shift where she works. Just recently she was moved to daylight, however, and we hope she can stay on daylight until she retires next year."

This summer they plan to take some short trips in their camper, including two weeks at Myrtle Beach. And in August they will take a bus tour to the World's Fair. After Kathleen's retirement, they will be able to travel more extensively. "We have friends in Florida who have been after us to come back down to visit," Otha says. "And, if things work out right, I want to go to the midwest." □

## Working with the public has been great

"If you've never worked with the public, you've really missed a lot," claims Alice Johnson. "It's been a real experience for me. There have been some headaches, but for the most part it's been great."

As a cashier in the Roanoke office, Alice in many instances was the only contact that some customers ever had with the company. "Many of our customers came in month after month, and I looked forward to seeing most of them. The old people were always especially nice. I have waited on a lot of them for years, writing their



Alice Johnson's co-workers gave her these roses on her last day at work.

checks, balancing their checkbooks and things like that.

"Because of increasing rates, I have taken some abuse in the last few years, but I can think of only one time I ever really got mad. That was when a customer came in and wanted me to stamp his bill but he didn't want to pay anything. I told him I couldn't give him a receipt unless he paid. He said, 'I'll have one anyway', and reached over and grabbed my stamp. I grabbed it back, and it made him so mad he took his bill and tore it in little pieces and threw it all over the credit desk. He was really determined!"

Alice looked forward to her early retirement April 1 with mixed emotions. "I am happy, but I will miss everybody. I've made a lot of friends and I've had a great bunch of people to work with."

By taking her personal days off and five week's vacation, Alice's last day on the job was February 22 — the same day she was called to come to work for Appalachian 36 years earlier. At the time she had a temporary job at the Norfolk and Western Railway.

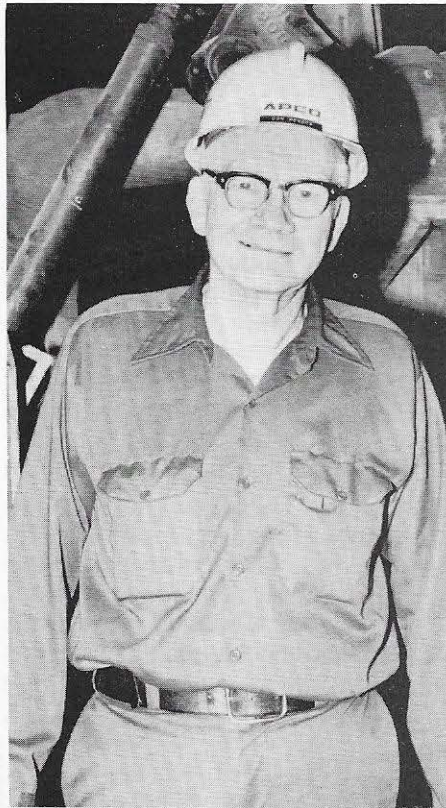
After all those years of waiting on the public, Alice plans to “do for herself” a while. “The first thing I am going to do is head south to my brother’s in Ft. Myers, Florida, and play golf. Then we will visit my husband’s brother at Lake Okochobee and fish with him. This summer we are going to Denver, Colorado, where one of my stepdaughters and her family lives, and from there to California. We will be out west a month or six weeks. This winter we may stay a few months in Florida, but we plan to live here. I like Roanoke better than anywhere else.”

After Alice stops traveling, she is thinking about joining a garden club again and possibly taking piano lessons and sewing classes. She enjoys gardening, working with green plants and reading. “I was just elected a deaconess at Bethany Christian Church,” Alice adds, “and they told me they had many jobs lined up for me.” □

## Con Powers stresses pride in workmanship

“When you take pride in your work and accomplish something, you really enjoy it,” states Conard Powers, who was maintenance supervisor at Clinch River Plant before his retirement April 1.

Pride in workmanship is something Con has always tried to instill in the employees under his supervision over the years. He recalls fondly that the people who worked at the now-closed Cabin Creek Plant, where he had his first job, took a lot of pride in their work. “Cabin Creek was responsible for training a lot of the folks we have here at Clinch River now, including the first manager, John Patterson, and the present plant manager, George Briers,” Con notes. He remembers, too, that Bill Robinson, Mountaineer Plant manager, and Al Moore, retired Amos Plant manager, got their early training at Cabin Creek. Con is a mechanical engineering technology graduate of New River



Powers

State College, now West Virginia Tech. He recalls that the engineering students there went around to all of the plants in the Kanawha Valley for job interviews. “I don’t know why I picked the dirtiest job in the whole bunch, but I did.”

He continues, “I went to work in the Transformer Shop at Cabin Creek and worked off and on there for eight months. If they would run short of people to do turbine work, they would pull us out of the Transformer Shop. After eight months I transferred over to Maintenance.

“I remember that at Cabin Creek the coal came in from the river. A conveyor belt brought the coal up and dumped it into a tower. There were little cars running around a circle track on the plant roof. We did a lot of maintenance work up there.

“I came to Clinch River in 1958 when the plant was still under construction. I came over in June and one of the units was put on line in November.”

Con served four years and nine months in the Army during World War II, including a year and a half overseas in

the India-China-Burma Theater.

Con admits that he would like to keep on working and expects it will take him quite a while to get used to retirement. “I’m going to buy me one of those split bottom rocking chairs, throw a sheep skin over it, and sit there and rock,” he says with a laugh. “We have enough relatives in Florida that if we went down and spent a week with each of them, we could stay six months. The only thing is I’m afraid they will all want to come and stay a week with me.” □

## No more trouble calls for Garland

Garland Holdren hasn’t gone fishing for five years, but that’s a situation he plans to change as soon as he possibly can. Although his official retirement date is April 1, Garland’s last day at work was February 22. He took his personal days off and vacation time to catch up on painting and other chores around the house so that he’d be free for the summer.

Garland, a T&D clerk A in Roanoke,



Holdren

and his brother Wiley, a line crew supervisor nonexempt, were both hired on August 7, 1945. They went to work in the line crew headed by Garland's father-in-law, John Witt. "Years ago when I came to work," Garland recalls, "we had to climb poles. They very seldom have to climb any more since bucket trucks came into use."

Garland served in the Army 29th Division, 116th Infantry, H Company during World War II and participated in the invasion of France. During his tour of duty, he was in Scotland, England, Belgium, Germany, Holland, Africa, and the Azores.

Garland had risen to a lineman A before losing his left arm after coming in contact with a high voltage line. "After I got hurt, I went into the T&D Department, and that's where I've been for the last 20 years." His job

there was taking trouble and complaint calls and dispatching trouble to any crew or servicer who might be in the area.

As in any job dealing with the public, there were some trying times for Garland. "I remember getting a call one morning from a woman who was just raising cane about the power being off. I told her a car had cut a pole off and the wires were down. She was upset because we didn't notify her that the power was going to be off. I told her the next time I got a report that a car was going to hit a pole in her area I'd be sure to call her," Garland says.

Sometimes the calls he received had no connection with the power company. "There was one lady who used to call a lot. She claimed to see lights in her house and burning holes in the mirrors, and she wanted somebody to

come down and investigate. And there's another woman who hears noises in her house. She has called the police and fire department so many times that they have told her never to call them again. Now she's started calling us."

Garland's future may not include any more exciting telephone calls, but he does plan on enjoying his retirement. "My wife Annabelle and I have a daughter, son-in-law and two grandchildren in North Carolina we will be visiting. A married son lives in Roanoke and our youngest son, who still lives at home, is attending Virginia Western Community College."

Garland plans on having a garden again this year and, just maybe, some time in the future there might be a trip to Hawaii. □

## Who's got the thimble?

Remember the old childhood game of "thimble, thimble, who's got the thimble?" If Bennett McAlpine, retired Kingsport home service representative, were to play that game today, you can be sure she'd be "it." For Bennett has not one but more than two dozen thimbles in her collection.

She explains, "Every person who has a trade has to have the tools of the trade. With a home economics background, I had to have thimbles." Bennett didn't intentionally set out to collect thimbles. It just "happened."

"I don't remember when, but it was before Mac and I got married, that Mama gave me a silver thimble with my initials on it. Through the years I acquired several thimbles but nothing really special.

"When we closed Mama's house, I found a lot of different kinds of thimbles. She had some that belonged to my grandmother, who was quite a seamstress. Grandmother's thimbles had no end in them but they were decorative on the sides. You punch on the sides, which I think is hard to do.

"Another one of Mama's had an ad-

vertisement of a man who was running for the office of state representative. Still another advertised Prudential Life Insurance Company. My sister-in-law didn't know I had a thimble collection until last summer, so she gave me Mac's mother's thimble.

"Thimbles are hard to find now, and they run anywhere from \$5 to \$10. My daughter Ann and her husband Sid, who live in Saudia Arabia, have given me quite a number of them. I have one from Copenhagen, North Wales, the Hague, Rome, Austria and Germany. A friend of mine in South Carolina brought me one back from Spain and Lena Hensley, head T&D clerk, gave me one made in England when I retired. The most ornate one I have was brought to me from Hawaii by a county extension agent I used to give a lot of programs with.

"I also have a Scrimshaw thimble that was made in New England. Scrimshaw is the indigenous art form of the American Whaleman," Bennett adds. "In his idle hours while cruising for whale, he devoted himself to fashioning articles and jewelry of whale ivory. The American Whaling Fleet has

ceased to exist, but this art is being carried on by a few American artisans." □



Bennett McAlpine with some of the thimbles in her collection.

# CRISISLINE

"I am not a soul saver, but I love helping people," says Dick Dixon about his volunteer work for Crisisline, a service of the Gallia-Jackson-Meigs Community Mental Health Center.

As a volunteer, Dick helps those persons who need someone to "just listen," those who need a referral source of information, and those who are seeking guidance in resolving an immediate problem or concern. The callers are adults, teens and children who talk about every conceivable type of problem: work, school, illness, loneliness, parents, children, depression, unemployment, alcohol, drugs, family violence, child abuse, sexual concerns and the like.

Dick is presently the only male working the telephones, although one other male is in training and works occasionally. "I don't use my real name on Crisisline," Dicks says. "In some instances, I might know the people who call and they would not be as open in discussing their problems. And, too, nobody can bother me at home that way.

"Crisisline provides around-the-clock telephone counseling," Dick notes. "I am more or less a fill-in. I do a lot of weekend work. If they are in desperate need, I will work until 10 or 11 o'clock at night, but it interferes with my work at the plant if I work in the evenings." (Dick is a control techni-

cian at Mountaineer.)

"An average caller is a lonely person, who just wants another human being to relate to and talk to — someone who will listen and talk back. We are basically there to help people help themselves. We don't ever give anyone an answer to his or her problem. The person must derive the answer himself."

Dick continues, "I went through three months of training to be a volunteer. During that time you listen on the lines for a while before you get ready to talk to people yourself.

"I just knew the first call I would get would be a potential suicide, and that was what I was prepared for. The first call, however, was about a gang assault. The girl was ashamed and scared and didn't know what to do. Most people who call are out of perspective at that moment. We try to get them to keep their wits about them," Dick adds.

A recent call was from a woman who had overdosed. "Her husband had left her for another woman and she was obsessed with the fact that he would never come back. She was scared I was going to have the call traced, and I promised her I wouldn't.

"When a person who is in the act of committing suicide calls, they are really screaming for help," Dick explains. "This particular woman had a small son and I tried to point out to her

that his life would go on whether she was there or not. I asked her what would happen to her son in the future. What if he gets depressed when he's 18 or 19 and decides 'Mommy killed herself, I will too.' You have to be straightforward with these people who call.

"I found out what drugs this woman had taken, and told her the effects it would have on her. After she realized she was going under, she started crying and was afraid I would send her to jail. I finally got her number and address and called the emergency squad on the other phone. They got to her in time. One of the nurses at the hospital where she was taken had a son the same age as the woman's little boy, and she took the little boy home with her for the night. People pull together in crisis even when they don't know each other. It is gratifying to see that happen.

"With a potential suicide, we always try to find out what they have done. If they have taken medicine, we want to know if it is downers, uppers, sleeping pills, valium, librium or what. If they can describe it, we have a medical book we check and tell the person exactly what effect the drugs will have on them.

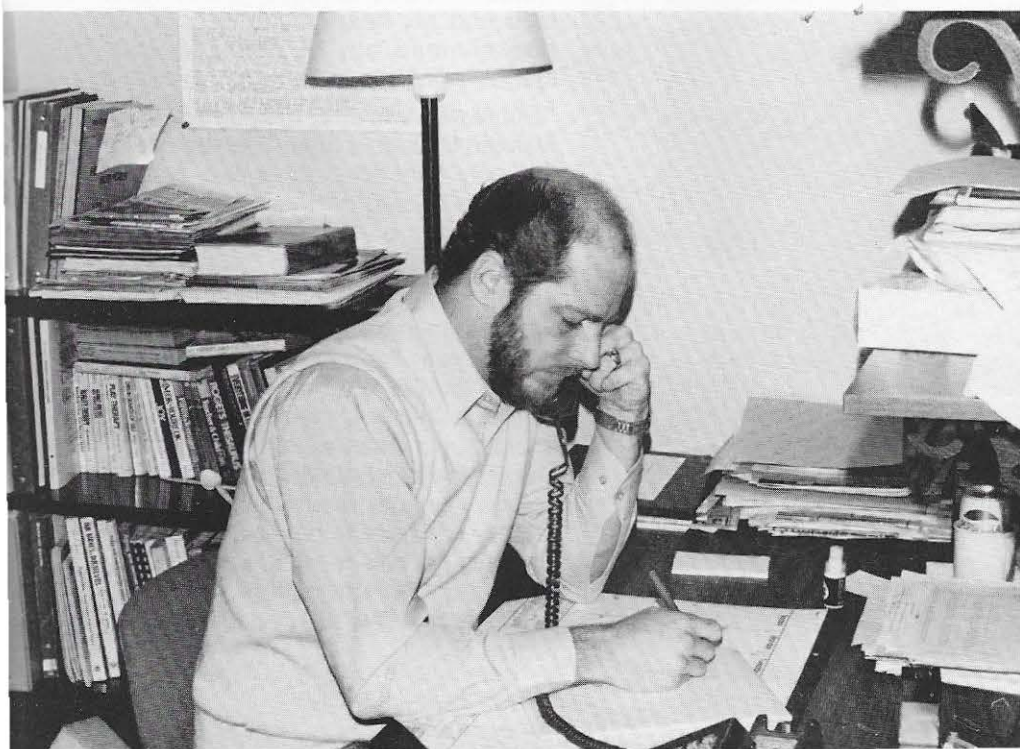
"You have to find out if they are going to use a gun, if there is anyone in the house with them, or just any information you can. Where they are located at that time is secondary. You need to find out the person's well being at that moment, and you try to give the person the feeling they can trust you and that you really care for them.

"Crisisline helped me to see other people's problems," Dick notes, "and I never before understood life as well as I do now. We all think we have problems, but there are a lot more problems out there than what you ever have yourself."

He adds, "I would like to stress that every phone call is confidential and what people say on the lines goes no farther. We are there to listen and do what we can. Everybody at times gets depressed or gets to where they can't handle a situation in the family any more.

"I think that Crisisline is one of the greatest things that has happened to this area. I just wish I had known about it several years ago when I was going through the trauma of a divorce myself." □

Dick Dixon takes a call at the Crisisline headquarters.



# He made medical history

It was just before Christmas that the pediatrician gave Robert and Lee Ann Payne the dreadful news: Robert, Jr., must have surgery right away in order to live. A mass pushing against his windpipe had reduced it to the size of an eraser. It might be a week, six months or a year, but eventually his breath would be cut off completely.

"To make matters worse," says his dad Robert, Sr., "he has epilepsy and we were afraid he might strangle when he was asleep."

Lee Ann says, "When Robert was about a year old, he developed a wheezing noise. We carried him to the doctor and he examined him and said his voice box was partially collapsed. We took him back many times over the next three years. He kept getting worse, but nothing showed up on the x-rays until right before Christmas."

Robert, Sr., custodian in GO General Services, Roanoke, says, "We were scared to death, naturally. We took him to the University of Virginia Hospital in Charlottesville for the surgery. We were told at first that the operation would last two or three hours, but he

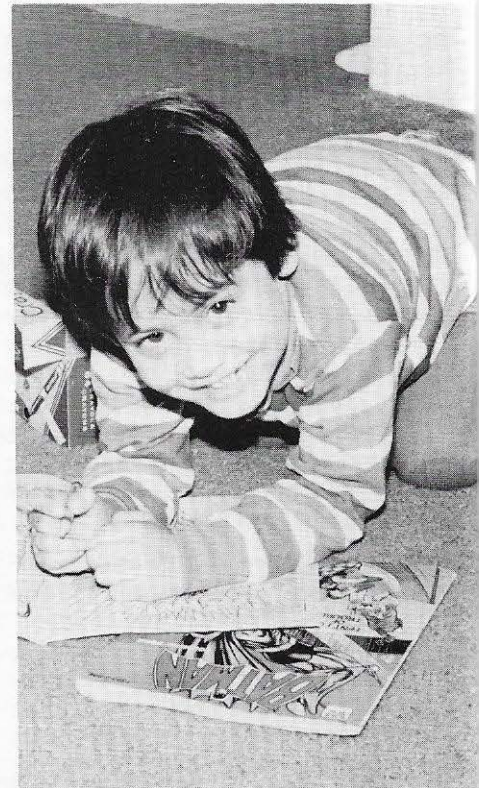
was in the operating room six hours.

"When the surgeon came to talk to us, he had a jar with something black in it. We didn't know what it was until he poured it out in his hand. It was a small black checker. They found it in the mass of infection which was cutting off his windpipe."

Lee Ann notes, "We don't know where or when he might have swallowed that checker. I've always been so careful about keeping everything picked up. The checker was buried so deep in the mass that it never showed up on any of the x-rays."

But the checker wasn't all that was causing the problem. Robert, Sr., adds, "The doctor told us that when he cut a section of the mass and sent it to the lab, the lab called back and told him he had cut out Robert's esophagus. It was then they discovered that Robert had two esophaguses — making medical history."

Robert, Jr.'s doctors told him beforehand what they were going to do, but he was too young to understand. He also did not understand that he was supposed to be "sick." Robert, Sr.,

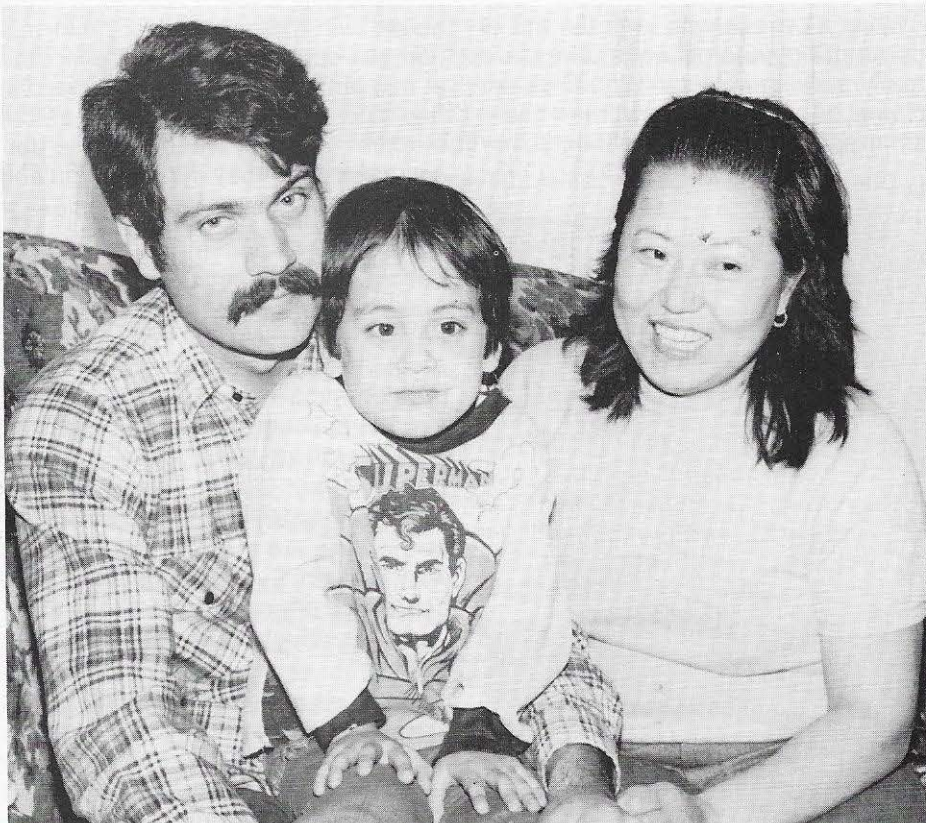


Robert colors a book about one of his favorite heroes, Batman.

says, "When Robert woke up after surgery, he told the doctor he wanted a hamburger, french fries and a Dr. Pepper. The nurse in the intensive care section said he had never seen a kid do what Robert did. The nurse went to check on another child, and when he came back Robert wasn't in the bed. He had tubing in his nose and side and six heart monitors, but he had climbed out of bed and was standing up alongside it.

"For two weeks after the operation he was fed through a tube. Then he could eat only light food for a few weeks while he healed on the inside. When we took him back last month for his checkup, we stopped on the way home to get him that hamburger."

Robert's medical and hospital bills so far this year have amounted to more than \$15,000 — a small amount to pay for a little boy's life but one which could spell disaster for any family. The Paynes are grateful for the company's medical insurance program. All they will have to pay is \$1,000 and any medical bills for the remainder of 1982 and 1983 are covered 100 percent, except for a \$50 deductible next year. □



Robert, Sr., Robert, Jr., and Lee Ann Payne.

# WEDDINGS



Gooden-Stevens



Lineberry-Clark



Caldwell-Bonham



Burnett-Saleeba

**Glenda Stevens** to **Barry Gooden**, February 13. Glenda is the daughter of Theodore Stevens, Bluefield photographer and reproducer.

**Sharon Rebecca Clark** to **William Thomas Lineberry**, March 5. Tom is the son of Bill Lineberry, Pulaski meter electrician A on LTD leave.

**Robin Bonham** to **Floyd Caldwell**, March 20. Floyd is the son of Curtis Caldwell, stores accounting supervising clerk, GO Accounting, Roanoke.

**Nannette Saleeba** to **Jack Burnett**, cost allocation supervisor, GO Rates & Contracts, Roanoke, February 20.

**Sheila Hope Sharp** to **Kenric Hundley**, December 19. Sheila is the daughter of Marler Sharp, Pulaski customer accounting supervisor non-exempt.

**Suzanne Rene Belt** to **John Reid**, John Amos Plant coal handler, March 6.

**Kerry Joy King** to **James Turpin, Jr.**, January 1. James is the son of Jim Turpin, Huntington energy services engineer.

**Judith Burton**, Charleston line mechanic C, to **Stephen Wilmoth**, Charleston meter reader, February 14.

**Jennifer Lilly** to **David Waggoner**, John Amos Plant control technician, February 12.

**Joyce Oldham** to **Roy Warren**, John Amos Plant maintenance mechanic C, February 14. □

# BIRTHS

## John Amos

Lisa Marie and Lori Leigh, twin daughters of **Randall Gunno**, stores attendant, March 7.

**Dathum**, son of **Daniel Cummings**, control technician junior, January 27.

**Nicholas Alan**, son of **Alan Hudson**, braker, March 6.

## Bluefield

**Sarah Elizabeth**, daughter of **Michael Richardson**, Welch line mechanic B, February 11.

## Central Machine Shop

**John Richard**, son of **Richard Hensley**, welder 1st class, March 3.

## Charleston

**Micah Lee**, son of **Danny Ellars**, customer services advisor, March 3.

**Racheal Lynn**, daughter of **Terry Shrewsbury**, line mechanic C, February 28.

**Mathew Joseph**, son of **Troy Page**, automotive mechanic B, February 25.

**Christopher Clinton**, son of **Terry Banks**, line crew supervisor NE, January 30.

## General Office

**Emmy Lou**, daughter of **Emmett Lawrence**, surveyor rod assistant, GO T&D Civil Engineering, Roanoke, February 9.

## Glen Lyn

**Adam Joseph**, son of **Lynn Morgan**, instrument mechanic D, February 16.

## Kingsport

**Jason Travis**, son of **Debbie Salley**, cashier, February 23.

## Logan-Williamson

**Lauren Elizabeth**, daughter of **Paul Owens**, Williamson area superintendent, January 29.

**Michael Steven**, son of **Terry Booth**, Williamson line mechanic B, January 6.

## Lynchburg

**Dustin Michael**, son of **Janice Johnson**, senior telephone operator (division), March 7.

## Mountaineer

**Amie**, daughter of **Donald DeLong**, utility worker, February 18.

**Grant Owen**, son of **Carl Matheny**, performance engineer, February 27.

## Mountaineer Construction

**Travis Michael**, son of **Ronald Miller**, civil construction assistant I, February 2.

## Pulaski

**James**, son of **David Ogle**, Galax meter reader, February 15.

## Roanoke

**Donna Amanda**, daughter of **Don Short**, automotive mechanic A, February 5.

## Philip Sporn

**Keri Leigh**, daughter of **David Gray**, maintenance mechanic B, February 6. □

# WHO'S NEWS

## Bluefield

**Mary Lou Epperly**, daughter of Personnel Supervisor Lloyd Linkous, has passed the examination to become a certified public accountant. She is a staff accountant with the CPA firm of Cole and Armbrister, Wytheville, Va.

Installed as officers of the Bluefield Woman's Club for a two-year period were **Jane**, wife of Customer Accounts Supervisor Kenneth Jackson, second vice president; and **Mary Helen**, wife of Division Superintendent McKinley Cornett, treasurer.

**Dale Rice**, a junior psychology major at Marshall University, has received the Charles E. Kautz Memorial Award for Sports. **Kurt Rice**, a fifth grader at Thorn Elementary School in Princeton, was appointed by State Senator O'Dell Huffman to serve as a page in the West Virginia Legislature. They are the sons of Mary Lou Rice, Princeton customer accounts representative B. □

## Pulaski

**Jerry Fleeman**, Pearisburg meter reader, performed on the March of Dimes Tel-A-Rama on WVVA-TV in Bluefield as a member of the gospel group, The Singing Soul Lifters.

**Carol Webb**, Hillsville customer accounts representative C, was honored recently by the Galax Chapter, Women's Aglow Fellowship, for her service as 1980-81 corresponding secretary. She was presented a certificate of appreciation and New Testaments were donated to The Gideons in her honor.

**George**, husband of Sally Hedrick, Pearisburg customer accounting supervisor nonexempt, was certified as a member of the American Tree Farm System for his interest and efforts in managing the forest resources on their farm near Bane in Giles County. This certification signifies that George carries out sound forest management practices.

**Martha Ann**, daughter of Sebert Sisson, Hillsville customer services representative, was elected to mem-

bership in the Phi Beta Kappa national scholarship organization at the University of Richmond. She is majoring in sociology, English and women's studies at Westhampton College, the women's undergraduate division of the university. She has been a member of the women's lifestyles committee, the senate academic planning committee, Areopagus (English honorary society), and received intermediate honors her junior year.

**Evelyn Buckland**, secretary-stenographer, was named co-chairperson of the membership committee of the Pulaski County Republican Women's Club.

**Mike and Debbie**, children of Gene Musser, Hillsville line crew supervisor nonexempt, have been named to "Who's Who Among American High School Students." They attend Carroll County High School and are members of the National Honor Society. Mike is vice president of the Carroll County Chapter, Future Farmers of America, and Debbie is president of the junior class. □

## Logan-Williamson

**Thelecia**, daughter of Ed Flowers, Logan engineering technician, participated in the 11th annual Miss West Virginia National Teenager Pageant. She is an honor student and member of the band at Logan Junior High School.

**Angel**, daughter of Logan Station Supervisor Bud Walls, is a graduate assistant this semester with the manual communications class at Marshall University, where she is a junior. She will be interning this summer. Angel is a sister of Pi Kappa Alpha Fraternity member of the Shield and Diamond and Thundering Herd marching band and works for the Campus Crusade for Christ. She is also a member of the Delta Upsilon Chapter of Delta Zeta Sorority, serving as chaplain, assistant house vice president and college educator.

**Carol**, wife of Roy Mills, Logan area service restorer, was presented a certificate of appreciation upon being



April Ring has won several awards during her first year as a member of the Springer's gymnastic team sponsored by the Lynchburg YWCA. She won two ribbons in a four-team meet in December, and in a dual meet with Andreas Gymnastics from Roanoke, she won first in uneven parallel bars, first in vaulting, second in balance beam, third in floor exercise, and first overall in her age group. In another meet last month with Andreas Gymnastics, she won first place in parallel bars and fourth place overall. This enabled her to qualify for the sectional gymnastic meet to be held in May.



chosen February parent of the month by the East Chapmanville Grade School PTA. She is hospitality chairman for the organization. □

## Philip Sporn

Penny, daughter of Pat Aeiker, maintenance mechanic B, won several awards in her first baton twirling competition. She placed in beginner queen, beginner basic strut and beginner military strut and received a trophy and two medals for her twirling talent. She is a member of the Stylettes Twirling Corps.



William Sheets, office supervisor, was proclaimed a West Virginia Ambassador to Public Accountancy by Secretary of State A. James Manchin. The honorary award acknowledges skilled efforts at maintaining the fiscal integrity of both personal and commercial business matters. □

## Roanoke

Robert Webster, division manager, was elected vice president of the Roanoke Valley Chamber of Commerce for 1982. He was also elected to a four-year term on the board of directors of the Roanoke Central YMCA.

Steven, son of Sam Williams, Jr., T&D clerk A on LTD leave, played forward for the William Ruffner Junior High School Saints basketball team, regu-

lar season champion. He was named to the 1st team All Roanoke City Junior High basketball team. For the past three years he has also been selected for the All-Tournament team. This year he was co-captain of the team, averaging 17.9 points per game. Steve is also active in the basketball program of his church, The Church of Jesus Christ of Latter-Day Saints, where he has had a game high of 54 points and averages 33 points per game. □

## Charleston

Melissa, daughter of Pat Taylor, customer accounts supervisor, is a member of the Flinn Elementary basketball cheerleading squad which won first place in the Sissonville basketball league cheerleading competition. □

## Glen Lyn

Carl Patteson, retired shift operating engineer, was elected president of Narrows Chapter No. 502, American Association of Retired Persons. He was also nominated by the New River Valley Agency on Aging board of directors to represent Giles County on the agency advisory council. □

## Kingsport

Richard, son of Keen White, personnel director, has graduated cum laude



from the University of Tennessee with a bachelor of science degree in electrical engineering. He was elected to Tau Beta Pi honorary electrical engineering fraternity. □

## General Office

Todd, son of Nancy Dickerson, stenographer, GO Customer Services, Roanoke, won second place for a two-man speed relay in the Virginia State Invitational Roller Skate Meet.



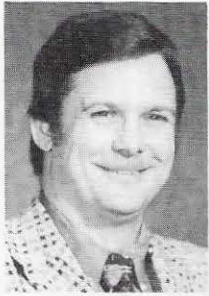
Ephriam, son of James Bethel, reproduction machine operator, GO General Services, Roanoke, was one of two players on the YMCA basketball team who were presented trophies for academic accomplishments. The CORD committee gives these awards annually as an incentive for the players to do well in school and to remind them that although sports are important, academics come first.

H. E. "Butch" Rhodes, labor relations supervisor, GO Personnel, Roanoke, has been elected to his second consecutive term as moderator of the Melrose Christian Church. He is also an elder, and his wife Bess is on the board of deacons.

Kent, son of Roy Howard, supervising computer graphics technician, GO T&D, Roanoke, has been promoted to specialist 5th class in the U.S. Army. He is stationed at the U.S. Army communications Guard, East Coast Telecommunications Center, Frederick, Md.

Two Afghan hounds owned by Kevin Carter, key entry operator, GO Accounting, Roanoke, won prizes in the James River Kennel Club match in Amherst County, Va. last month. Dante won first prize in the hound group and Buttons won first prize in the puppy sweepstakes and fourth place in the hound group. □

# PROMOTIONS



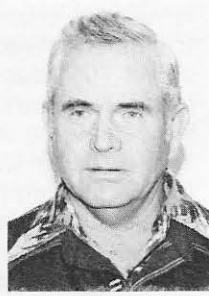
Siemiaczko



Hughes



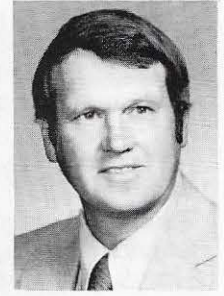
Bryant



Claytor



Richmond



O'Neal



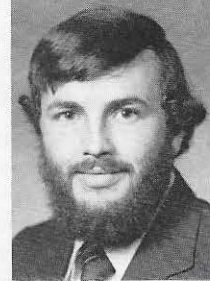
Jones



Perdue



Kopec



Lackey



Hale

**Michael Siemiaczko, Jr.**, maintenance supervisor, was promoted to Kanawha River Plant maintenance superintendent on March 1, succeeding Earl Adkins. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.

**Marshall Hughes**, line crew supervisor nonexempt, was promoted to line crew supervisor exempt in the Clintwood area of Abingdon Division on April 1.

**Charles Bryant**, line mechanic A, was promoted to line crew supervisor nonexempt in the Clintwood area of Abingdon Division on March 27, succeeding Marshall Hughes.

**Joseph Thompson Claytor**, line crew supervisor nonexempt, was promoted to line crew supervisor exempt in the Tazewell area of Bluefield Division on December 1. He succeeds Tod Harris, who was promoted to Tazewell area supervisor.

**Frank Richmond**, station mechanic A, was promoted to Beckley station crew supervisor nonexempt on March 6, succeeding Glenn O'Neal. He attended Morris Harvey College.

**Glenn O'Neal**, station crew supervisor nonexempt, was promoted to Beck-

ley station crew supervisor exempt on March 1. He succeeds Boyd Richmond, who elected early retirement.

**Denzil Jones**, automotive mechanic A, was promoted to Charleston garage supervisor nonexempt, on February 20.

**William "Bud" Perdue**, customer services representative, was promoted to Bluefield office supervisor on April 1.

**Anthony Kopec**, performance engineer, was promoted to performance engineer senior at Philip Sporn Plant on April 1. He holds a mechanical engineering degree from Rensselaer

Polytechnic Institute.

**James Lackey**, line mechanic A, was promoted to line crew supervisor nonexempt in the Logan area of Logan-Williamson Division on December 5. He succeeds Larry Adams, who resigned.

**Pat Hale**, performance engineer senior, was promoted to plant engineer at Mountaineer Plant on April 1. He succeeds Buddy Blank, who was promoted to performance supervising engineer. Hale holds a bachelor of science degree in mechanical engineering from Ohio Northern University. □

## NEWCOMERS

### Beckley

Evelyn Orren, tracer.

### Bluefield

Robert Warner, meter reader.

### Centralized Plant Maintenance

Richard Jarrell and Terry Shrewsbury, maintenance mechanics B.

### Charleston

Penny Kinsey, junior clerk, St. Albans. Melody Smith, office messenger.

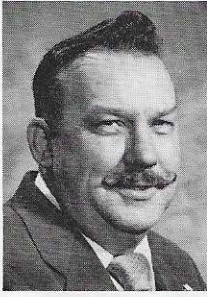
### General Office

Gregory Koontz, civil engineer, GO T&D Station, Huntington. Fred Reed, II, customer accounting clerk C, GO Accounting, Roanoke. Edgar Francisco, data processing operator C, GO Accounting, Roanoke. Deborah Adams, junior clerk, GO Accounting, Roanoke. James Arnett, electrical engineer, GO T&D Station, Huntington. David Steckel, electrical engineer, GO T&D Station, Roanoke.

### Roanoke

Shelby Perry and Julie Boitnott, junior clerks. Helen Smith, junior stenographer. Timothy East, meter reader, Fieldale. □

# FRIENDS WE'LL MISS



Lowe



Adams



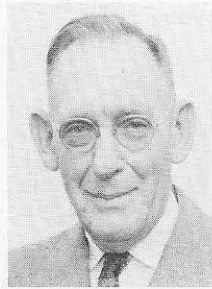
Miller



Harvey



Conner



Dunn



Bundy



Copley

**Charles Lowe**, 49, Clinch River Plant instrument mechanic A, died February 28 of an apparent heart attack. A native of Alvarado, Virginia, he joined Clinch in 1958 as a results helper. Lowe is survived by his widow Virginia, General Delivery, Cleveland, Va., one son and one daughter.

**Virgil Adams, Jr.**, 55, assistant manager of the John Amos Plant, died unexpectedly February 23. A native of Kentucky, he was employed in 1955 as an assistant results engineer at OVEC's Clifty Creek Plant. He was on sick leave at the time of his death. Adams is survived by his widow Peggy, 112 Caropine Drive, Myrtle Beach, South Carolina; one son, one daughter and one stepson. His stepson, Victor Arrington, is employed in the Cook Nuclear Plant Construction Department.

**Melton T. Miller**, 80, retired Charleston truck driver-groundman, died March 3. A native of Sissonville, West Virginia, he was employed in 1928 as a truck driver and retired January 1, 1962. Miller is survived by two daughters and three sons.

**Katherine Harvey**, 65, retired part-time cook-housekeeper at Byrd Lodge, died March 8. A native of Floyd County, Virginia, she was employed in 1965 as a maid and retired August 1, 1979. Harvey is survived by her husband King, P.O. Box 86, New River, Virginia; five stepsons; seven stepdaughters; one sister and two stepsisters.

**Edward "Jimmy" Conner**, 85, retired Pulaski stationman C, died February 27. A native of Bland County, Virginia, he had intermittent service with the company before being permanently employed in 1936 as a laborer in Pulaski. He retired October 1, 1961. Conner is survived by his widow Gladys Ruth, 404 Elkins Avenue, Pulaski, Va.; three daughters; two sons; and eight grandchildren.

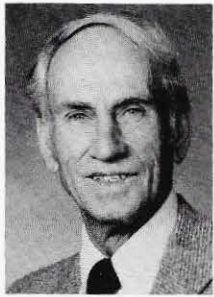
**Larry Dunn**, 89, retired Bluefield area serviceman, died March 12. A native of Peterstown, West Virginia, he began his career in 1916 as a serviceman and retired June 1, 1957. Dunn is survived by his widow Thelma, 717 Albemarle Street, Bluefield, W. Va.; one son and one daughter.

**Sadie Lee Bundy**, 78, retired Bluefield maid, died March 1. A native of Leatherwood, Virginia, she began her career in 1943 and retired March 1, 1969. Bundy is survived by three sons and one daughter.

**Clarence "Pete" Copley**, 69, retired Huntington stores attendant, died March 9. A native of Wayne County, West Virginia, he was employed in 1937 as a coal handler and retired June 1, 1976. Copley is survived by his widow Gladys, 2128 Jefferson Avenue, Huntington, W. Va.; and one daughter.

**Paul Eugene Stewart**, 66, retired Philip Sporn Plant maintenance mechanic B, died March 9. A native of West Columbia, West Virginia, he was hired in 1951 as a laborer and retired March 1, 1981. Stewart is survived by his widow Lucille, P.O. Box 198, West Columbia, W. Va. □

# SERVICE ANNIVERSARIES



**Bud Ryan, Jr.**  
comm. serv. rep. sr.  
Bluefield  
45 years



**Cecil Miller**  
eng. technician sr.  
Logan-Williamson  
35 years



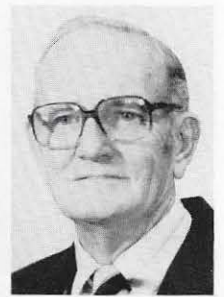
**Henry Kiser**  
head T&D clerk  
Logan-Williamson  
35 years



**Ernest Bevins**  
cust. accts. supv.  
Logan-Williamson  
35 years



**Jack Adams**  
line crew supv. NE  
Roanoke  
35 years



**Casey Mann**  
inst. mech. A (LTD)  
Glen Lyn  
35 years



**Otis Franklin**  
meter supervisor  
Lynchburg  
35 years



**Walt Minsker**  
eng. serv. technol.  
Charleston  
35 years



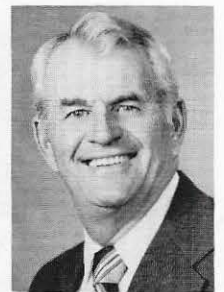
**George Robinson**  
general servicer  
Charleston  
35 years



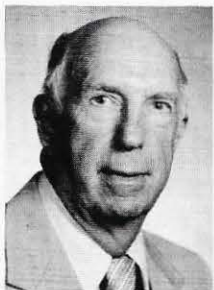
**Ronald Givens**  
customer servicer  
Charleston  
35 years



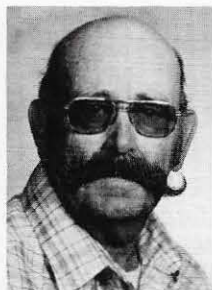
**Darrell Boggess**  
area serv. restorer  
Pt. Pleas. (Htg.)  
35 years



**Jim Kiser**  
station mech. A  
Bluefield  
35 years



**Claude Ward**  
cust. serv. rep.  
Logan-Williamson  
30 years



**Glen Felty**  
meter reader (LTD)  
Logan-Williamson  
30 years



**Mike Fotos**  
div. superintendent  
Huntington  
30 years



**Ron Tucker**  
electrical engineer  
Lynchburg  
30 years



**Jim Harmon**  
eng. supervisor  
Bluefield  
30 years



**Vic Middlekauff**  
trans. sta. supv.  
GO-Roanoke  
30 years



**Marvin Pollard**  
div. superintendent  
Roanoke  
30 years



**Bill Walls**  
energy serv. eng.  
Huntington  
30 years



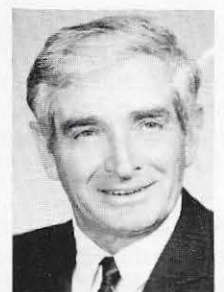
**Luther Smith**  
utility supervisor  
Mountaineer  
30 years



**Claude Herbert**  
unit supervisor  
Clinch River  
30 years



**Bill Canady**  
cust. accts. rep. A  
Oak Hill (Beck.)  
25 years



**Sam Williams**  
area serv. restorer  
Rupert (Beck.)  
25 years



**Jim Witt, Jr.**  
engineer B  
Glen Lyn  
25 years



**Bill Harbour**  
coatings spec.  
AEP-Huntington  
25 years



**Don McNeil**  
gen. utility worker  
Roanoke  
25 years



**Mel Wilson, Jr.**  
administrative asst.  
Lynchburg  
20 years

### Abingdon

5 years: **Janice Cannon**, customer accounts representative C.

### John Amos

10 years: **Monte Dillon**, equipment operator. **Cleveland Stokes**, car dumper. **Allen Saunders**, maintenance mechanic A. **Orville Cot-**

**trell**, maintenance mechanic A. **Randall Gunno**, stores attendant. **Michael Toler**, maintenance supervisor. 5 years: **Edward Rushbrook**, maintenance mechanic B. **Robert Hinckley**, control technician senior.

### Beckley

15 years: **Don Tyler**, Whitesville area service restorer.

### Bluefield

15 years: **Billie Wooldridge**, customer accounts representative B. 5 years: **Jack Scott**, line mechanic B.

### Central Machine Shop

10 years: **Clifford Garland**, winder 1st class.

### Charleston

15 years: **Marvin Dillard**, general servicer. **John Coleman**, engineering technician senior. 10 years: **Janet McMillian**, T&D clerk A.

### Clinch River

25 years: **Nell Noe**, office supervisor.

### General Office

15 years: **James Smith**, transmission station supervisor, GO T&D Station, Roanoke. **Patsy Smith**, secretary, GO Executive, Roanoke. **Dell Casto**, transmission construction representative senior, GO T&D Transmission, Charleston. **C. F. Harlow, Jr.**, general records clerk A, GO Accounting, Roanoke. **Frank Blevins**, meter specialist, GO T&D Meter, Roanoke. 10 years: **Edward Fuqua**, transmission mechanic A, GO T&D Transmission, Abingdon. 5 years: **James Craig**, general records clerk B. GO Accounting, Roanoke. **Frances Smith**, classification and accounts payable clerk C, GO Accounting, Roanoke. **Tommy Mullins**, maintenance mechanic B, GO Hydro, Roanoke. **Robert Kushmeider**, communications engineer, GO T&D Communications, Roanoke.

### Huntington

15 years: **Jerry Vest**, office supervisor. 10 years: **George Dewees**, meter reader.

### Kanawha River

15 years: **Wayne Carter**, personnel supervisor.

### Kingsport

15 years: **Charlie Burke**, line crew supervisor.

### Lynchburg

15 years: **Fred Clarkson, Jr.**, line mechanic A. **Charles Wynn**, line crew supervisor NE.

### Mountaineer

5 years: **Sterling Boggess**, maintenance supervisor.

### Pulaski

5 years: **Tony Calfee**, maintenance mechanic B.

### Roanoke

15 years: **Joseph Frazier, Jr.**, line mechanic A. 10 years: **David Willard, Sr.**, line mechanic A. 5 years: **William Laprade, Jr.**, drafter B. **Lawrence Martin**, line mechanic C. **Dwayne Ingold**, power engineer. **Morris Doss**, meter reader.

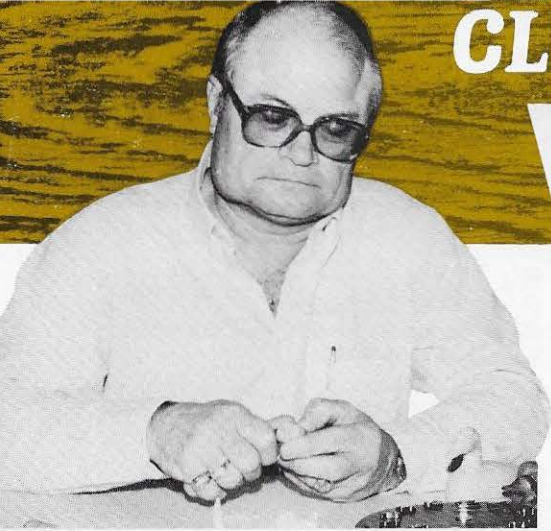
### Philip Sporn

5 years: **Richard Harmon**, utility worker A. □



Betty Wilkins, Lynchburg customer services representative, displays the Campbell County 4-H electric project which won a blue ribbon at the 4-H Conference in Richmond. The project is a miniature house with energy conservation ideas in each room. Betty, who works closely with the Campbell County 4-H Club, says, "The project was a good learning experience and the display is available to other groups that are interested in energy conservation."

# CLIDE ST. JOHN, WOODCARVER



When it comes to working with his hands, it seems there's no task too big or too small for Clide St. John.

"I have always carried a pocket knife," he says. "I was raised on a farm, and a stick was a natural thing to pick up and keep my hands busy. I didn't really start woodcarving seriously until eight or ten years ago. I have had more time to work with it in the last five years.

"I belong to the Valley Woodcarvers in Roanoke, and we have just started a woodcarvers club in Lynchburg. Appalachian was gracious enough to let us use their auditorium to have our meetings," Clide adds.

"I usually have a pattern to go by when I make something. There are a lot of magazines you can get that deal with woodcarving. A lot of people I know have just picked up carving by looking at patterns in a book. There are some schools you can go to, but most of them are out west."

Clide says he has to get a good picture in his mind of what he wants to carve. "First I take a piece of wood and cut it out with a hand saw to a rough pattern. Then I start detail, forming the animal or whatever I am making. There are no two ways about it. The figure is in the wood if you cut out to it," Clide says with the ease of a skilled craftsman.

Many of Clide's carvings end up as pins, earrings and necklaces for wife Charlotte, Lynchburg personnel clerk A. He also has made ducks, birds, owls, dogs, pigs, boots, cranes, crosses, clocks and mirror frames. A set of wrenches he carved and painted gray looks realistic enough to use. And there is even a miniature pistol, no bigger than an inch.

A set of boots, each one a different

size, is particularly fascinating. The boots, shown in a photo elsewhere on this page, are realistic in every detail, including shoelaces and even a hole in the sole.

"The big boot took 28 hours to carve," Clide says. "Some people might look at that and wonder who in the world would put 28 hours into something like that. Well, I did. And after I made the first one, I said, 'wonder if I could make a smaller one?' I made five altogether. The largest one is six inches tall and the smallest is three-quarters of an inch.

"If I put a price on the things I carve, no one would buy them because they would be too high. The time you put into a carving is unbelievable. The things I make are more valuable to me, I guess, than to anyone else.

"Most of the things I make go to the family. We have a son, daughter and grandchildren, and when they come home and see them, they want them right away. The mirrors we do give as gifts, usually to someone in the hospital or a close friend of Charlotte's." He has also made 1600 crosses which he has shared with people all over the United States and in several foreign countries.

Although some carvers make their own tools, Clide prefers to use a tool kit made by Fred Clark in New York. The kit consists of one basic handle and several interchangeable hard steel blades. "Rather than have a

dozen pocket knives, I can use the same handle and just take one blade out and replace it with another one. When you work with wood a little while, you want the blades as sharp as they can be. Maybe I am lazy, but when they are sharp it takes less effort." Clide also admits to using files or "just about anything to get the piece of wood like you want it."

Clide says he prefers working with walnut because it finishes up good, but he also uses several other kinds. "Somebody is always giving me pieces of wood. I get white pine from packing crates and scrap wood that people have after making furniture. The small things I carve can be made from what other people throw away.

"Some of the woods are expensive," he adds. "White pine and basswood are not too expensive, but when you get into something like purple, teak or zebra wood that has to be shipped, that gets to be quite expensive. There is a lumber company here in Lynchburg that deals in that type of wood.

"My grandson likes to tease me about my work," Clide says with a smile. "But the beauty of wood carving is that it doesn't have to suit anybody else but me."

Clide's love of working with his hands doesn't stop at woodcarving though. "I've made a grandfather clock for us and one for each of the children. And I do furniture upholstery, too," he concludes. □





Kaye Grogan, champion bowler and certified bowling coach, holds a trophy recognizing her as bowler of the year.

## Champion bowler shares skills with teenagers

If you enjoy a sport immensely and want to do more than just be a team member, what can you do?

For champion bowler Kaye Grogan, wife of Fieldale Line Crew Supervisor Burton Grogan, the answer has been to share her skill and love of the game with teenagers as a non-paid bowling coach.

Kaye, who began bowling nearly ten years ago, has amassed an impressive list of honors — and some 70 trophies — during the eight years she has been bowling seriously. Among these are three bowler of the year trophies (for 1976, 1978 and 1981); 15 bowler of the month awards; the local bowling association's doubles title,

also for three years; and many more. But for now it is coaching young people that provides Kaye with the greatest satisfaction.

"Coaching, to me, is more rewarding than bowling. I enjoy competing, but watching the kids grow in the game and as individuals is much more satisfying," Kaye says.

"Too often in high school sports the emphasis is on the joy of winning. Well . . . there is also the agony of defeat, and that is where I try to help my students. I want them to learn that it really doesn't make any difference if you come home with the trophy or not — if you played the game to the best of your ability and your conscience is clear. Then you are a winner," Kaye explains.

"I feel that in helping my students accept defeat, it helps prepare them for later in life when they will have some bad experiences."

Kaye is currently coaching 40 people between the ages of 12 and 21. "With my two daughters (Sharon, 17, and Kelli, 11), this means I really have 42 kids," she adds with a smile.

Kaye's coaching career began four years ago when the manager of one of the lanes where she bowls pointed at her and told her, "you're the one!"

To become a certified bowling coach, Kaye had to attend a special training program to bone up on the basics of bowling and to learn teaching techniques.

In return for free soft drinks, a small discount on equipment and the great personal satisfaction that make up Kaye's compensation, she "works" from 9:30 AM until shortly after noon every Saturday morning for 28 weeks.

In addition to her coaching activities and personal bowling in two leagues, Kaye also serves as president of both the Thursday Morning Women's League and the Martinsville-Henry County American Junior Bowling Congress, which represents young people in each local bowling lane.

While both daughters are also award-winning bowlers, husband Burton is a golfer. "He doesn't really care for bowling, but he has always encouraged me," Kaye says.

Her bowling record currently boasts a 167 composite average, a 657 high set and a 264 high game. □

# Markham honored for lifesaving

"I'm a first aid nut," says Charleston Office Supervisor Barbara Markham. "Everything I learn in the office safety meetings I go home and teach to my son Bryan. We will go over things occasionally and talk about the correct way to do them."

Because of this training, Bryan helped save the life of Shannon Bland, a fellow student at Charleston High School. "I was sitting across from him, just talking to him when suddenly his mouth dropped open," Bryan recalls. "His tongue was sticking out. I asked if he was all right and he didn't answer me."

"Another student sitting beside Shannon started pounding him on the back between the shoulder blades. I dashed around the table, lifted him from his seat and started the Heimlich maneuver, which dislodged some of the food," Bryan said. "But he had lost consciousness, started curling up and fell to the floor. At this point the head football coach picked Shannon back up and dislodged the remaining bit of food."

In the meantime, another student ran across Washington Street East into



Barbara Markham teaches her son Bryan the lifesaving techniques she learns at the Charleston office safety meetings.

the General Division emergency room to get help. Paramedics placed Shannon on a stretcher and wheeled him into the hospital, where he was fully recovered by the next morning.

Bryan adds, "It took me about a half hour to calm down afterward, I was so nervous. It was the most horrible thing I have ever seen in my life. Shannon didn't realize how close he came to dying. He was unconscious for at least three or four minutes. All he remembers is going down to the floor and waking up with everybody standing around him."

Although every Kanawha County high school student is required to take a lifesaving course, Bryan credits his mother with teaching him the Heimlich maneuver three years ago. He has had the opportunity to use it once before, saving his grandmother from possibly choking to death.

Bryan has received a certificate of recognition from the Kanawha County Board of Education for his participation in the resuscitation efforts and will also receive a medal from the local Red Cross. □



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