

There is no power on earth more formidable than the truth.

—M. RUNBECK

# The Illuminator

The glow of one warm thought is to me worth more than money.

—THOMAS JEFFERSON

Vol. I—No. 11

KENTUCKY AND WEST VIRGINIA POWER COMPANY

APPALACHIAN ELECTRIC POWER COMPANY

KINGSPORT UTILITIES, INC.

August, 1950

## Philip Sporn Plant Is Dedicated "To The Service Of The People"

### Logan Leads In Sales Campaign At Halfway Mark

Logan District led the "Going Places" Campaign at the halfway point with a record of 114.6 per cent of quota. Since the sales campaign started May 15, 575 ranges, 259 water systems and 131 water heaters have been sold in the top district.

In recognition of their splendid record, Logan salesmen were guests on July 25 at a dinner presented by Julius Hall, system commercial manager.

Huntington division leads all divisions at the halfway point with 103.47 per cent of quota while Bluefield, Roanoke and Charleston follow in that order. A total of 76.33 per cent of quota has been reached by Appalachian in four divisions.

C. J. Hansbarger, Jr., Logan district manager, announced that L. R. Perry was head salesman in the Logan District while W. E. Bivens is runner-up in the same district.

Other districts close behind Logan are Kingsport with 99.84 per cent of quota; Williamson, 99.35 per cent; Pulaski, 96.39 per cent; Abingdon, 96.12 per cent, and Huntington, 94.52 per cent.

A total of 7,713 ranges, 2,308 water systems and 3,168 water heaters have been sold in the districts, including Kingsport. Of this amount, 48 per cent of the ranges, 95 per cent of the water systems and 43 per cent of the water heaters were sold in rural territory.

### Employee's Wife

### Safety Most Important To Mrs. Withrow

(EDITOR'S NOTE: This is the first of a new feature on Safety which will be published each month.)



Mrs. O. W. Withrow, wife of Charleston district serviceman O. W. Withrow, is convinced that a safety program is a necessity.

She says, "A wife wants her husband's work to be as safe and as easy as possible, and I think most women consider that more important than the financial or social status of the job. Any company which neglects to insist on safety rules and fails to take all possible precautions in handling known risks is not a company for which I want my husband to work."

Mrs. Withrow thinks, "It's just natural for a woman to want her husband to work safely. No wife can devote her time and energy towards making a home if she's worried to death thinking her husband is risking his life on his job. After all, there are very few jobs which are that important."

### Glen Lyn Engineer Heads Rich Creek Lions Club

"Mr. President" is the correct form of addressing E. A. Painter from now on when he presides at the Lions Club meetings at Rich Creek, Va.

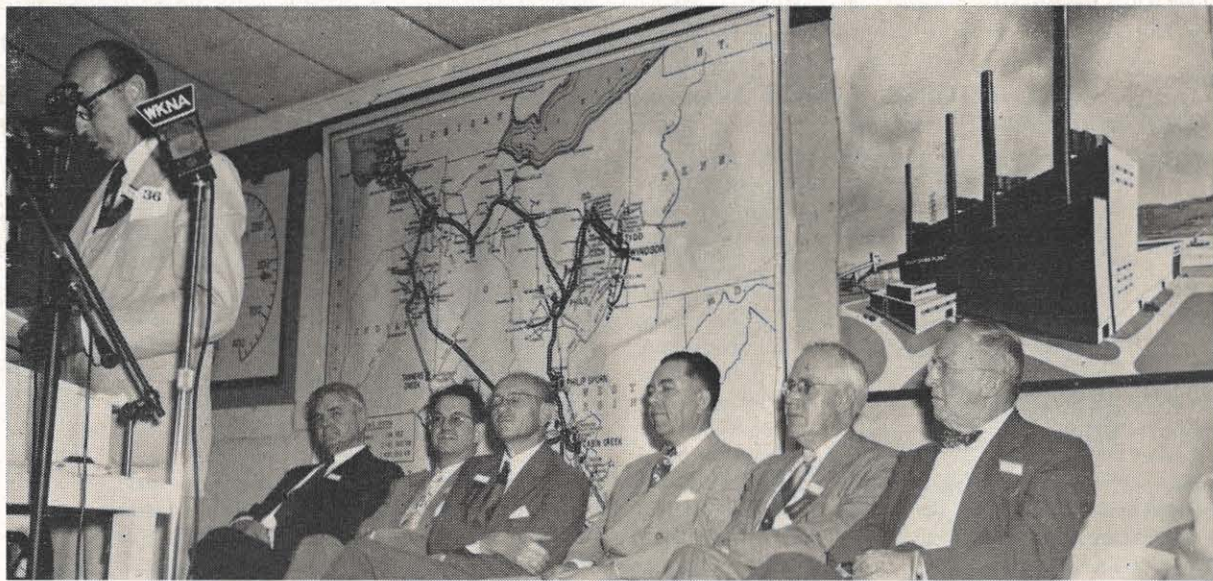


Elected to the high office in the club at a recent meeting, the popular mechanical engineer assumes his new duties this month.

The senior engineer at the Glen Lyn

Steam Plant of the Appalachian Electric Power Company was employed August 11, 1947.

### Speakers Platform At Sporn Plant Dedication



A few of the distinguished guests, speakers and company officials are shown on the speakers' platform during the formal dedication of Philip Sporn Plant at Graham Station, W. Va. Shown above, left to right, are: Graham Claytor, vice president of the American Gas and Electric Company, master of ceremonies, standing; Judge C. E. Nethken, chairman of the Public Service Commission of West Virginia; M. G. Burnside, U. S. representative of Huntington; Philip Sporn, president of the American Gas and Electric Company; Governor Okey L. Patten of West Virginia; M. C. Funk, vice president and general manager of the Appalachian Electric Power Company, and W. J. Jenks, chairman of the Board of Directors of the Norfolk and Western Railroad.

### Company-Sponsored Workshop Set For West Virginia Teachers August 10-11

The second annual Farm and Home Electrical Workshop Conference, sponsored by Appalachian Electric Power Company, for vocational agriculture and vocational home economics teachers will be held at Charleston's Stonewall Jackson High School

on August 10 and 11.

Teachers in West Virginia counties served by Appalachian will attend lectures, participation programs and social occasions during the two-day conference.

Thursday's program includes fundamentals of electricity, a home laundry discussion, lunch served by home economists, a lecture on freezers and an afternoon workshop on home electrical appliances. The teachers will be guests at a dinner held at the Kanawha Country Club that night.

Friday's lecture topics include projects on water systems, practical kitchens and electric ranges.

C. B. Talley, B. D. Painter, R. E. Hodges, R. S. Musgrave and Julius Hall, Jr., will preside at the various sessions of the conference. L. L. Koontz will explain how the AEP rural organizations work, and H. L. Cushing will give the teachers some plans and suggestions on equipping the home economics and shop departments.

### Ralph V. Schussler Is Chosen For High Office In Order Of Eastern Star

Ralph Schussler, Bluefield District distribution department, was recently elected Worthy Patron of the Order of Eastern Star, Bluefield Chapter, and installed in this office at formal ceremonies.



He has been with A. G. E. since 1927, starting to work with Atlantic City Electric Company. From 1937 to 1948 he worked

in the New York valuation department before transferring to Appalachian.

Active in the Order since coming to Bluefield in 1944 he held office as Sentinel and Associate Patron in 1948 and 1949.

In addition to his work in the Order, he holds the office of Scribe in Bluefield Chapter 20, Royal Arch Masons, and is area secretary of American Bowling Congress.

### Patteson And Sporn Make Principal Talks At Formal Ceremony

The new Philip Sporn Plant at Graham Station, W. Va., was formally dedicated Thursday, July 27, "to the service and welfare of the people in the areas served."

The dedication was one of three ceremonies held at the plant during the latter part of the month. Thousands of interested persons from the surrounding area visited the plant. The first of the ceremonies was held July 26 for Philip Sporn employees and their families and the last "open house" was conducted for the public on July 29 and 30.

Governor O. L. Patteson of West Virginia and Philip Sporn, president of the American Gas and Electric Company, after whom the plant is named, delivered the principal addresses at the formal dedication.

### Overflow Crowd

An overflow crowd including industrial leaders, municipal officials, Congressmen, newspaper editors and other dignitaries attended the ceremony. Among them were: W. J. Jenks, chairman of the board of directors of the Norfolk and Western Railway; Philip Reed, chairman of the board of the General Electric Company; L. Preston Collins, Lieutenant Governor of the Commonwealth of Virginia; Alfred Iddles, president of the Babcock and Wilcox Construction Company; M. C. Funk, vice president and general manager of Appalachian Electric Power Company, and Harold Turner, vice president and general manager of The Ohio Power Company.

Prior to the actual dedication ceremonies, the guests of Appalachian and the Ohio Power Companies were conducted on an extensive tour of the huge plant where the functions of the giant generating facilities were explained by guides. They saw the two 150,000 kilowatt units in operation; the construction of two more; and a number of interesting exhibits sponsored by manufacturers of the equipment used in the plant. For the majority of the visitors, this tour was their first trip through a major power plant. Later, a luncheon was served in the dedication tent which had been erected for that purpose.

### Governor Speaks

Graham Claytor, vice president of (See Patteson, page 10)

### System Loads Hit New All-Time High

New record peaks for the delivery of electricity were reached last month on the Southern Properties and the American Gas and Electric Systems.

The Southern Properties' system peak was 913,500 kilowatts for the hour ending at 12 noon on July 25. The new record climaxed a peak of 908,200 kilowatts which was reached on June 18.

The new record on the A. G. & E. System, established on July 18, is 2,138,000 kilowatts. The previous high was 2,111,700 kilowatts on March 21.

### "Congratulations"



Philip Sporn, president of the American Gas and Electric Company (left) receives congratulations from Governor O. L. Patteson, of West Virginia, following the dedication of the new Philip Sporn plant. At the far left is the bronze plaque, dedicating the plant "to the service and welfare of the people in the areas served."

# The Illuminator

Published monthly for employees of Appalachian Electric Power Company, Kentucky and West Virginia Power Company and Kingsport Utilities, Inc., and their families. Articles herein may be reproduced provided credit is given.

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## Smiles

We keep hearing people say that, "If we are to get along in the world in which we live today, we must learn how to live and work with other people." Sometimes, we may think that these admonitions are becoming a bit stale and threadbare, although we recognize them to be important truths. It would certainly be difficult to argue against the necessity of learning to like people and getting them to like us as one of the first requisites for a happy and useful life.

In looking around us for folks who serve as good examples, we invariably find that they all have one thing in common which is perhaps more responsible for their accomplishments than any other. They have all learned to smile.

Of course, there are many kinds of smiles. Songs have been written and sayings have become established about them. Some smiles make others happy, others are kind and understanding, while there are some that are artificial, cynical and insincere. Our interest should be in smiles that are from the heart and that reflect our true natures—the kind of folks we really are.

In our business, perhaps, more than in many others, we should learn to smile. Any organization dedicated to serving the public, as we are, can do a better job, and have more fun in doing it, when our customers are served with smiles that are sincere and reflect a real interest in their welfare.

Have you checked up on your smiles lately? A suggestion might be in order for all of us to give our own the once-over in our mirrors tonight. Sometimes an honest appraisal will help to show us why we are failing to appear as we would like people to see us, and as we really are. Most of us want to make and keep friends. A friendly smile is an essential part of the formula for such an accomplishment.

## Way To Happiness

Our chief disappointments are embodied in the "happiness" we plan and strive for with all our might—and yet fail to achieve. Our greatest joys are sudden surprises—the good things that happen when we least expect them. Without thinking, we sometimes attribute such joys to accident or luck; but there is always a better explanation. When happiness surprises us, we are happy because we fully realize that the joy has a true connection with a cause in our own past, a forgotten or underrated deed of our very own! Leave enough doors open and plenty of happiness will sneak into your life. These doors may be labeled: Interest in Others, Encouragement for the Despairing, Friendship for Those in Temporary Disgrace, Character in Danger, Gratitude Definitely Conveyed, Consideration for the Awkward, Recognition for Strangers.

JAMES T. MANGAN

Moral force is, unhappily, no substitute for armed force, but it is a very great reinforcement.—Winston Churchill



QUESTION OF THE MONTH: What has been your most interesting or unusual on-the-job experience with the company?

### C. C. BELCHEE, general foreman, Welch:



One of the most unusual experiences that has occurred during my employment was a trip to Grundy, Va., in March, 1942, during a severe snowstorm. The snow started to fall about dusk and by 11 p. m. there was approximately 14 inches of snow on the ground. In reply to a call for help from the Grundy area, where all of the lines in the county were out due to the storm, I started to Grundy with the large line truck and the entire line gang. Progress was very slow from the start but by 2 a. m. we had arrived at the top of the mountain just west of Bradshaw, where we encountered deep drifts.

The heavy truck could not push its way through the snowdrifts and the storm was so violent we could not find material with which to start a fire. To keep from freezing we shoveled a path through the snow for a distance of more than a mile and reached the edge of the drift area at just about daylight. We finally arrived at Grundy about 2 o'clock the next afternoon after over 14 hours on a trip of 50 miles. We found on arrival that our families, as well as the entire district organization, were anxiously calling to see if we had arrived safely.

### C. A. MCKINNEY, lineman, Hazard:



In 1944 the line crew was doing a rebuild job in Hazard. Tim Asher, a lineman, was working on a buck arm corner at a river crossing standing on a hot board beneath a 4,000-volt conductor which he was resagging.

The conductor broke falling across Asher's shoulder and lodging there. But due to good training and great presence of mind Asher had taken the necessary precautions for just such an emergency. With his rubber shoes, spur guards, gloves and sleeves, not the slightest shock was felt. Another lineman came to the rescue and together they replaced the conductor to normal operation.

This one instance to me proves that the company's safety program is a good thing and it certainly was an unusual experience.

### MRS. GRETIS RAINES, PBX operator, Charleston:



Shortly after Mr. Hodges came to Charleston, he asked me to put in a call to one of his business associates in Kentucky. I tried without success for two days to reach him at various cities in Kentucky. Finally, on the morning of the third day, I was referred to a certain number in Ashland. However, in ringing the suggested number, the Ashland operator got another number. The man who answered the phone at this "wrong" number turned out to be the very person who could tell us where the man was we had been trying to reach for three days. Thus, by getting a wrong number, we learned where we could reach the party we wanted.

### R. N. WILKINSON, working foreman, Glen Lyn Plant:



I think, by far, my most unusual experience with the company, and by no means interesting, occurred July 7, 1935, around 9 p.m.

I was on the burner deck of No. 13 Boiler making repairs to the burners, when my helper, who was stationed outside and above me as a safety precaution, called down to me to come out at once. As I started up I could see water carrying ashes, cinders and debris pouring in over the operating floor to the bottom level. To get to the operating floor, I had to cross over some grating and climb a steel ladder. I was going up this ladder through the water and debris when something hit me on top of the head. I managed to reach the top and later learned that blood was running down my face. A fellow employee came to my aid and took me to a dry place where on examination it was found I had multiple lacerations of the scalp, caused presumably by a large clinker.

I found out later that a flash flood south of the plant had caused a regular torrential wash-out right into our plant. The rainfall was recorded at 4.2 inches in 35 minutes.

Although it was hard and dangerous work, we managed to quench the fires in all the boilers, thus avoiding possible damage to the furnaces.

### J. B. KINGRY, meter reader, Roanoke:



I started out to read meters on a new line. As I turned in a side road, I saw three men at the gate, two of them ran into the woods. The other one wanted to know what my business was. After telling him, he said, "Hey, Bud." One of the men came out of the woods and said, "Pop, it's all right, he wants to check our new lights." When I returned, the three men were at the gate with a jug. They said they wanted to be sure I was not an officer and to come back next month as they would know by the little Jeep what my business was.

### LAT BEVINS, troubleman, Williamson:



I have had a lot of things happen during my experience with the company. I have been with the company about 14 years and have seen many interesting or unusual things happen to myself and those I work with. One of the men I "grunted" for was killed on the arc circuit in Pikeville while I was working there. We gave him Schaefer for almost three hours but couldn't bring him around.

To the other extreme, I had a rather funny thing happen a few months ago. I was driving along a Williamson street and was struck in the rear by a woman driver. I stopped my truck and after seeing that the damage was small, I asked her to pull her car over out of the street since there was a lot of traffic. I started to pull my truck over and she struck me again. I believe that of all things that I have had happen, about the most unusual thing was the way that woman was picking on me.

### MARY P. RASMUSSEN, secretarial stenographer, system personnel department, Roanoke:



Moving into our new office building was very interesting to me. We had looked forward to it and were anxious to move because our old office was not exactly ideal. We were located over a movie theater so it was an everyday occurrence to work through Indian raids, hurricanes, wars, etc.

Moving day came sooner than we expected. We received two hours' notice, so there was a mad rush getting things together and packed. Never having moved before, I enjoyed it thoroughly but I could see some of the others did not share my enthusiasm. We labored until 10:00 that night to put things in order but it was worth it from the pride and satisfaction we have received from our new surroundings.

### MABEL MOORE, cashier, Kingsport:



The most interesting on-the-job experience I've had involves one customer who comes in the office regularly to pay his bill. He always wore a sour expression and griped about paying. So each time, I would thank him in a cold, polite sort of way, not daring to even smile. This past year near Christmas, he came in the office and threw some nuts and gum on the counter. Naturally, I was pleased and very much surprised, showing it quite obviously by thanking and wishing him a very merry Christmas. Since then it's a pleasure for him to come in with his ready smile and friendly remarks. This has taught me to be more friendly with our customers, even if I have to meet them more than halfway.

Great designs are not accomplished without enthusiasm of some sort. It is the inspiration of everything great. Without it, no man is to be feared, and with it none despised.—Bovee

## THE AMERICAN WAY



Up or Down?

## Kirkland And Collins Promoted In Abingdon

Claud K. Kirkland was promoted on July 1 to Abingdon district superintendent while Joe E. Collins replaced him as rural and residential sales supervisor.



In 1937 Mr. Kirkland was employed as rural service engineer at Marion. A native of Southampton County, Virginia, he graduated from V. P. I. in 1936 with a degree in agricultural engineering.

He was transferred to Abingdon in 1945 and placed in charge of the rural expansion program. Four years later he was made rural and residential sales supervisor.

Active in church and civic affairs, he is a member of the Methodist Church, Kiwanis Club, Retail Merchants Association and Central Abingdon School Board.

In his new position Mr. Kirkland will supervise construction, operation, meter and stores departments, engineering and property accounting in the Abingdon district.

Mr. Collins, a native of Bluefield,



W. Va., started working for Appalachian in April, 1949, as an agricultural engineer. Graduated in 1940 from V. P. I. with a degree in agricultural engineering. After the last war he

worked for the Virginia Agricultural Extension Service at V. P. I. until he came with the company.

He is a member of the Baptist Church, Kiwanis Club and the American Society of Agricultural Engineers.

In his new position Mr. Collins will have supervision over extension of facilities and promotional work among residential customers.

## Bees Stage Air Raid As Men Seek Shelter

Lightning arresters being installed at the Glen Lyn substation didn't attract lightning on July 3—but they did draw a swarm of bees.

Everything was proceeding calmly as Bob Wolford's gang of the transmission department was busily putting up new lightning arresters. Suddenly a swarm of bees settled on the arresters after "buzzing the field."

Men scattered in the best air raid fashion, taking cover to avoid any contact with the enemy. Good safety judgment is credited with changing the action report from "many direct hits" to "all near misses."

The bees, about three gallons strong, from hasty observation of those who admitted not wanting to make any measurements, soon left. They evidently decided that a switching platform in the 88 KV yard was a better place to set up house than on a bushing or insulator.

Much to the relief of Hubert Surber and the men in the gang, Elbert Jennings succeeded in hiving the entire swarm. He thus became the hero of the day and has been recommended by his men for the title of "King Bee" for his meritorious action.

## Sam Jordan Is Taking Life Easy Since Retiring



"Just Takin' Life Easy" is S. M. Jordan's theme song since his retirement on July 1. Sam, as he is known to all his friends, recently completed 25 years of service with the company and says he is going to take a long rest.

At the time of his retirement Sam was foreman of the Charleston substation department.

He started to work with the company on September 1, 1924, at the Cabin Creek substation department under the supervision of M. A. Steckel.

### Electricity — Public or Private?

## National City Bank Of New York's Monthly Letter Gives Calm Appraisal Of Main Facts Of Controversy

(EDITOR'S NOTE: The following article is a reprint of material in the June, 1950, issue of the Monthly Letter published by The National City Bank of New York. The article is being published in sections.)

With President Truman's statements at Grand Coulee, Washington, and elsewhere on his western trip in May, condemning opposition by private electric power companies to further public power expansion, and reiterating the Government's intention to press forward in this field, the controversy over the question of private versus public power promises to reach new heights of intensity.

In his speech dedicating the Grand Coulee dam, the President blasted the "private power lobby" and "other selfish interests" for opposing river basin developments, such as the Columbia, Missouri, and Tennessee, declaring:

"We will meet opposition from the private power groups. Many of them—there are, of course, honorable exceptions—do not want the energy of our rivers put to use as power and sold to the people at cost . . .

"I am sure we will continue to overcome this opposition just as we already have done in building Grand Coulee—just as the people already have in Nebraska, in large parts of Washington and Oregon, and in other sections of the country, where they have decided to distribute power through the public bodies and cooperatives.

"The benefits of public investment must be passed on to the people whose tax money is being used. Those benefits must not be diverted for private profit. We will continue to fight and win for that principle."

Thus did the President fling down anew the gauntlet in what has been an increasingly bitter fight on both sides. On one hand, protagonists of public power hurl denunciations of "private power lobbies" and "selfish interests." On the other, protagonists of private power denounce the "public power lobbies" and cry "socialism." In this welter of charges and counter

## Fast First Aid By Roanoke Lineman Helps Save Injured Motorist's Life

Quick action on the part of Herman C. Young, Roanoke lineman, was probably responsible for saving the life of an injured motorist on July 5.

Herman and I. R. "Tuck" Musser, line foreman, were returning to Roanoke from Bedford when they came upon an overturned car against a power pole a few miles from Bedford. The accident had happened only a few seconds before as the car had skidded on the slippery wet pavement.

Approaching the wreck, the linemen could see the occupants, the Foster family, pinned in the wreckage. The cries of the two little girls, aged seven and five, led Herman and "Tuck" to rescue them first by lifting them out of the back glass of the car.

While "Tuck" took the children aside and tried to comfort them, Mr. Foster was helped through the windshield. His wife remained pinned in the twisted mass of steel. Foster's frantic efforts to free his wife made him overlook a severe cut on his wrist where blood was flowing in a pulsing stream.

Herman quickly twisted his handkerchief into a tourniquet, applied it

to Foster's arm and stopped the bleeding. He accompanied the father and the two children on their trip to the Bedford hospital.

Mrs. Foster was so badly wedged in the wreckage that the doors had to be cut away before she could be removed. She died 20 minutes after arriving at the hospital. The older girl suffered a broken collar bone while the younger child escaped with minor injuries.

## Betsy Cornett Awarded Piano Music Scholarship

Miss Betsy Sue Cornett, daughter of W. M. Cornett, personnel supervisor,



Cabin Creek Plant, has been awarded a music scholarship by the Thomas E. Harris Music School in Charleston.

The scholarship is for summer courses in piano and music and related study.

Betsy, 13, is a student at Chelyan Junior High School.

## Watch Presented E. B. Hawkins On His Retirement



An engraved watch was presented to E. B. "Ned" Hawkins, Jr., Beckley District stores supervisor, at his retirement at a recent department head and supervisors' dinner.

"In recognition of his years of service and the appreciation of them by his fellow workers in the district" was the comment at the time of the award.

Mr. Hawkins became affiliated with the company on September 1, 1934, when Appalachian purchased the West Virginia Water Service Company in Beckley. At that time he was an employee in the sales department and has since been connected with the stores department in Beckley.

Widely known throughout the area for his knowledge and love of flowers, he is active in many civic clubs and is a past president of the Beckley Kiwanis Club.

"Ned" says he and Mrs. Hawkins have not decided if they will stay in Beckley since his retirement.

## Son Of Lynchburg Employee Receives USAF Commission



Levi Thornhill, left, and his son, Lieutenant Levi H. Thornhill.

Levi H. Thornhill, son of Levi Thornhill, a Lynchburg district employee, was commissioned a second lieutenant, United States Air Force, June 23. He received his commission and wings at the graduation exercises at Nellis Air Force Base, Las Vegas, Nev.

Lieutenant Thornhill began his flight training at Randolph Field, Texas. He completed this training in six months and ranked in the top third of a class of forty-one. Two hundred and forty-nine candidates started the rigorous course.

Later, he was transferred to Las Vegas where he recently finished his advanced training in fighter aircraft. He was graduated fifth among a class of thirty flyers and will report to the 86th Fighter Wing in Germany in August.

Thornhill was graduated from Dunbar High School in Lynchburg in 1942. He has been in the Air Force since November of the same year. During World War II he served with the 332d Fighter Group.

charges, the public is either carried away by emotional appeals and catch phrases, or left baffled and confused.

It may be well to stand off a little at this point from the clash of partisan forces, and attempt a calm appraisal of some of the main facts and issues involved. Only in this way can the public properly evaluate these vast federal programs, undertaken and planned, and try to form some considered judgment with respect to two main questions:

1. Can we as a nation afford federal government expenditures of such magnitude for these purposes on top of a federal budget already swollen to huge proportions and running a deficit?

2. Should we as a nation pursue policies that put the federal government in direct competition with privately owned business in one of the major sectors of the economy?

### Growth of Public Power

Construction of water resource and power projects by the federal government on a large scale has taken place almost entirely since World War I, although the original phase of large-scale construction on the Muscle Shoals project, now part of the Tennessee Valley Authority, was begun during World War I and completed in 1925.

Other projects followed, including Boulder Canyon authorized in December, 1928, and commenced in 1930.

With the change of administration in 1933 expansion of federal power projects really got under way, leading off with the creation of TVA in that year. Construction on Grand Coulee Dam was begun in 1934, as a WPA depression project. In the seventeen years 1933 through 1949 the installed generating capacity of public power agencies increased more than five-fold, rising from 2,354,000 kw., or 6.8 per cent of the combined total of public and private capacity at the end of 1932, to 12,546,000 kw., or 20 per cent, at the end of 1949.

According to the Hoover Commission Task Force Report on Water Resources Projects, present federal pro-

grams contemplate expanding the federally owned and operated generating capacity to 45,968,900 kw., or to more than the entire private generating capacity at the end of 1948. The Report goes on to say:

"Altogether these authorized and projected construction programs envision an eventual 671 major power, flood control, and irrigation projects within the continental United States. It is estimated that this ultimate program for multiple-purpose projects will cost in the neighborhood of 40 billion dollars."

From all this, and from statements by the President and other government officials, it is clear that the present Administration, like its predecessor, has embarked upon a program of public power development which is something quite different from the historical flood control, navigation, and reclamation projects which, until 1932, had accounted for only a small portion of the electric-generating capacity of the nation, and which have always been recognized as a proper sphere for government action. Federal generation and sale of electricity, instead of being merely a by-product of these other activities, has become a primary consideration in the government's location and design of many multiple-purpose projects.

### Arguments for Federal Power

In considering the case for federal power expansion, four principal claims appear:

1. That expansion of the private utility industry has been unequal to the growth of the country's need for power, hence that a great increase in federal power is needed to avoid power "shortages."
2. That river basin development, combining such varied objectives as power, flood control, navigation, and irrigation, is of such character and magnitude that only government can undertake it.
3. That government power is "cheaper" than private power.
4. That our great natural water resources ought not to be "exploited for private profit."

(To be Continued Next Month)



# Feminine Fancies

## Twenty-Three Couples Are Married

### Jones-Blankenship

The Johnson Memorial Methodist Church in Huntington was the scene of the wedding of Miss Virginia "Bootsie" Jones and Jack Richard Blankenship on June 20. Mr. Blankenship is employed in the Huntington transmission and distribution department.

### Schumacher-Hanley

The wedding of Dorothy H. Schumacher and Thomas J. Hanley was performed at the First Christian Church in Logan on June 9. Mr. Hanley is employed in the meter department and Mrs. Hanley is a former employee of that department, Logan.

### Bradford-Lambert

In a double-ring ceremony performed at the First Baptist Church on June 16 in Ashland, Ky., Miss Gloria Ann Bradford and Aaron Lambert were united in marriage. Mrs. Lambert is an employee of the Ashland local accounting office.

### Wilson-Dickenson

Miss Mildred Jean Wilson and Thomas Austin Dickenson were married on June 25 in Oak Hill, W. Va. Mr. Dickenson is a troubleman in Beckley.

### Warden-Burton

Miss Martha Ann Warden and E. H. Burton were wed in the First Methodist Church in Welch on June 22. Mr. Burton is an employee in the engineering department in the Welch office.

### King-Charlton

Miss Della King was married to George H. Charlton on July 1 in Newbern, Virginia. Mrs. Charlton is employed in the home service department, Pulaski.

### Cook-Hendrick

The marriage of Miss Janet Cook and Pete Hendrick was announced recently. Mr. Hendrick is a serviceman in Pineville and Mrs. Hendrick is a cashier in Pineville.

### Smith-Hoke

Wedding vows were exchanged by Miss Septa Ann Smith and Charles William Hoke in the parish house of Sacred Heart Catholic Church, Huntington, on June 15. Mrs. Hoke is the daughter of Jack B. Smith, who is employed in the meter department, Huntington.

### Holderby-Newman

Miss Audrey Holderby and Lester Newman were united in marriage on June 24 in Ironton, Ohio. Mrs. Newman is employed in the Huntington system billing office.

### Mordica-Cox

The double-ring ceremony performed at the Presbyterian Church Chapel in Ashland united in marriage Miss Dorothy Lee Mordica and William Webb Cox on July 8. Mrs. Cox is an employee in the local accounting office, Ashland.

### Forgey-Young

Miss Betty Joanne Forgey became the bride of Robert L. Young in Catlettsburg, Ky., on June 9. Mrs. Young is employed in the transmission and distribution department, Huntington.

### Arrington-Via

Miss Virginia Arrington and Thomas I. Via were wed in Bennington, S. C., on July 10. Mrs. Via is an employee of the system billing office in Roanoke.

### Hedrick-Martin

Miss Peggy Ann Hedrick was married to Robert Weldon Martin at the First Methodist Church, Beckley, on July 7. Mr. Martin is an employee of the Beckley engineering department.

### Dudley-Sands

Miss Elsie Dudley and George K. Sands were married on July 7 in Dublin, Va. Mr. Sands is employed in the distribution records department, Pulaski.

### Dawkins-Roberts

Miss Martha Agnes Dawkins became the bride of Charles P. Roberts on June 30. Mr. Roberts is employed in the Point Pleasant commercial department.

### Washington-Wilson

Miss Edna Washington became the bride of Philip Wilson on July 2. Mr. Wilson is employed in the accounting department of the Charleston office.

### Powers-Sarver

Miss Lora Powers and Thomas Lee Sarver were married on July 8 at the Calvary Baptist Church, Bluefield. Mrs. Sarver is an employee in the Bluefield accounting department.

### Stillwell-Horn

Miss Belma Stillwell and Kermit Horn were wed on July 9. Mr. Horn is employed in the service department in Pineville.

### Marshall-Akers

Miss Frances Marshall was married to V. I. Akers on June 22. Mr. Akers is an employee of the survey crew in Pulaski.

## Let's Have A Picnic



There are only two requirements for a picnic—a carefree, happy heart and plenty of good "eats."

The time and place for the gala event do not matter. You can pile in the family car and go to a nearby beach or park, or you can have a picnic in your back yard.

Here's a complete menu for your meal outdoors:

- Barbecued Beefburgers
- Sandwich Buns
- Oven-Baked Beans, Boston Style
- Tray of Assorted Relishes
- Fruit Cookies
- Coffee or Iced Tea

The sauce for the barbecued beefburgers should be prepared at home, and we suggest the following recipe: ¼ cup onion, minced; 2 tablespoonfuls butter; 3 tablespoonfuls vinegar; 1 tablespoonful brown sugar, packed; ½ cup tomato ketchup; 1 tablespoonful Worcestershire sauce; ½ teaspoonful brown mustard; ½ teaspoon-

ful salt; ½ cup water and ½ cup chopped celery. Brown onion in butter in skillet. Add remaining ingredients. Cook for approximately 20 minutes or until thickened. Cool. Pour into jar, cover, and refrigerate until ready to pack picnic basket.

For the beefburgers mix 1 pound ground beef with 1 teaspoonful salt and form into 6 patties. Wrap between layers of waxed paper for packing in picnic basket.

At the picnic brown beefburgers in skillet and add barbecue sauce. Heat sauce to boiling point and cook for 5 minutes. Serve sauce over meat in hamburger buns.

Oven-Baked Beans—no need slaving to make your own, when you can buy the genuine oven-baked kind in tins at your grocery. We'd suggest you buy the Boston Style to serve with your barbecues.

### Food And Fun Featured At Camavo Club Picnic

Plenty of fun and plenty of food was the outcome of the Roanoke district Camavo Club's annual picnic at Lakeside on July 13.

Individual picnic boxes supplied the food while the thriller, scoot-the-scoot, and hobby horses provided lots of thrills and fun for the 190 club members and their guests.

## They're Engaged

KINGSPORT—Miss Sarah Huffaker to Marvin C. Simpson, Jr. Mr. Simpson is the district commercial supervisor.

ROANOKE—Miss Beulah E. Shay to Randolph W. Kessler. Miss Shay is employed in the system accounting office.

CHARLESTON—Miss Patsy Ann Jarrell to Joseph Kuskey. Mr. Kuskey is employed in Whitesville.

CHARLESTON—Miss Janet Stanley to Robert Miller. Mr. Miller is employed in the meter department.

### Dunn-Wright

Miss Nancy Dunn became the bride of Charles Wright in Lynchburg on July 15.

Mrs. Wright is the daughter of E. C. Dunn, who is a retired employee of the line department, Lynchburg.

### Wanner-Cunningham

Miss Wanda Wanner and B. V. Cunningham were united in marriage recently.

Mrs. Cunningham is employed in the Cabin Creek office.

### Eanes-Overstreet

Wedding vows were exchanged by Helen Eanes and Robert A. Overstreet, Jr., on July 10 in Conway, S. C.

Mrs. Overstreet is an employee of the system billing office in Roanoke.

### Ferrell-Vest

Mrs. Sarah Belle Ferrell and W. E. Vest were married on June 30. The ceremony was performed at the St. Albans Methodist Church.

Mr. Vest is employed at the Cabin Creek Plant.

## New Arrivals . . .

CABIN CREEK—A daughter was born to Mr. and Mrs. R. W. Flemming July 4. Mr. Flemming is employed in the results department.

HAZARD—A son, Philip Ray, was born to Mr. and Mrs. Ray L. Caudills on June 29.

ROANOKE—Born to Mr. and Mrs. Melvin L. Clemens, a daughter, Brenda Gale, on June 24. Mr. Clemens is an employee in the Roanoke line department.

LYNCHBURG—A son, Edwin Hampton, was born to Mr. and Mrs. Hampton Davis. Mr. Davis is an employee in the Lynchburg district.

GLEN LYN—Mr. and Mrs. J. O. Heslep are the parents of a son. He has been named Michael J.

CABIN CREEK—A son was born to Mr. and Mrs. O. L. Burgess in June. Mr. Burgess is employed in the maintenance department.

WELCH—Mr. and Mrs. William B. Belchee are announcing the arrival of a daughter, Betty Jane, on June 25.

BECKLEY—A son, John Lewis Fitzwater, Jr., was born to Mr. and Mrs. John Lewis Fitzwater on June 29. Mr. Fitzwater is employed in the meter department.

BLUEFIELD—Born to Mr. and Mrs. B. D. Lambert, a son, B. D., Jr., on June 22. Mr. Lambert is employed in the meter department.

WILLIAMSON—A son, Woodrow Holbrook, Jr., was born to the Woodrow Holbrooks. Mr. Holbrook is residential sales supervisor in the Williamson district.

CABIN CREEK—A son was born to Mr. and Mrs. C. R. Whittington July 3. Mr. Whittington is employed in the operating department.

BLUEFIELD—Born to Mr. and Mrs. Richard Wood, a daughter, Diana Pearis, on June 25. Mr. Wood is employed in the commercial department.

BECKLEY—Mr. and Mrs. James B. Richmond are the parents of a daughter, born July 1. Mr. Richmond is employed in the substitution department.

CABIN CREEK—A daughter was born to Mr. and Mrs. A. V. Johnson, July 1. Mr. Johnson is employed in the operating department.



Among those married last month were, First row, left to right: Mrs. Thomas L. Sarver, Bluefield; Mrs. Charles W. Hoke, Huntington; Mrs. Thomas A. Dickenson, Beckley, and Mrs. Robert W. Marion, Beckley. Second row: Mr. and Mrs. Aaron Lambert, Ashland; Mrs. T. J. Hanley, Logan, and Mrs. Jack R. Blankenship, Huntington.



**Kingsport Utilities**

15 years: R. A. Parrack, distribution superintendent.

**Kentucky and West Virginia Power Company**

**Ashland District**

25 years: W. S. "Cebe" Burchett, meter department.  
5 years: Bill Salisbury, meter department.

**Hazard District**

15 years: Gaine Stidham, substation superintendent.  
5 years: Jackson D. Fairchild, district chief of party; Jess Payne, groundman, and Everett Brewer, groundman.

**Pikeville District**

5 years: Bill Harris, groundman; Warnie Blackburn, lineman; Raymond Scott, lineman; Charles E. Ratliff, truck driver-groundman, and Amos B. Christian, transmission and distribution department.

**Appalachian Electric Power Company**

**Abingdon District**

25 years: C. W. Johnson, meter superintendent.  
10 years: Eugene T. Rowe, serviceman and E. V. Smith, substation operator.  
5 years: O. G. Quillen, Sr., rural service clerk.

**Beckley District**

25 years: Mack E. Seconds, lineman and Ernest Lee Lawson, line foreman.

**Bluefield District**

25 years: L. E. Riggs, serviceman.

**Charleston District**

15 years: M. G. Simmons, distribution department.  
5 years: J. E. Beale, E. O. Goode, Major Elmore, Dick Jones, G. J. Pollastrini, E. V. Glenn, Jr., and H. C. Alderson, distribution department.

**Glen Lyn Plant**

15 years: C. W. Dobbins, turbine operator; Hale Clemons, utility operator; Harold Clemons, utility operator; Ray T. Fields, auxiliary equipment operator.  
5 years: H. H. Reed, working foreman.

**Fieldale District**

20 years: Carol J. Hewitt, hydro operator.  
5 years: W. G. Simpson, meter department.

**Huntington District**

30 years: Mary C. Patterson, PBX operator.  
20 years: Boyd Thompson, groundman; W. D. Willis, maintenance man, and Myrtle R. Tetman, pay-roll department.  
15 years: J. R. Hughes, maintenance man and Virginia B. Marrow, secretarial-stenographer.

**Logan District**

25 years: John H. Jones, mechanical maintenance man and Calvin Cyfers, lineman.  
5 years: R. H. Phillips, production department; Ray Stamper, production department; Jewell D. Keyser, local accounting office, and L. G. Dougan, district personnel supervisor.

**Roanoke District**

15 years: B. W. Woodahl, local accounting.  
5 years: B. Beatrice Eakin, commercial department; J. E. Hopkins and A. C. Strickland, district right-of-way department; H. Altieri and H. M. Underwood, garage; H. E. Guilliams, meter department, and Alma C. Obenchain, local accounting.

**System Offices**

10 years: C. L. Robinson, Jr., system substation department.  
5 years: Nancy W. Keeler and William B. Poff, Jr., system accounting department.

**Welch District**

15 years: W. T. Lanter, stores department and A. F. Ross, service department.

**Barbecue Lunch Is Picnic Highlight For Many Pulaski District Employees**

Employees of the Pulaski District enjoyed their annual picnic at the Claytor Hydro Plant on Saturday afternoon, June 24. Tours through the plant and boat trips on the lake were part of the activities.

Highlight of the picnic was the barbecue lunch prepared and served in the open. The meat was cooked on an open pit with hickory wood, in true barbecue style. Cooking preparations started Friday evening with smoking lasting through the

night and Saturday morning.

Qualifying as "first-class barbecue chefs" were employees of the rural, personnel and residential sales departments who did the cooking. The home economists of the district did the serving as the hungry picnickers ate heartily of the many foods served.

Although fishermen had little success, the weather was perfect for many of the games and activities that everyone enjoyed.

**Nine Veteran Employees Get Service Pins**



The nine people shown above received service pins for 20 years or more during July. First row, left to right: C. J. Hewitt, Fieldale, 20 years; L. E. Riggs, Bluefield, 25 years; Ernest L. Lawson, Beckley, 25 years. Second row, W. D. Willis, Huntington, 20 years; C. W. Johnson, Abingdon, 25 years; Mack E. Second, Beckley, 25 years. Third row: Mrs. Myrtle R. Tetman, Huntington, 20 years; Mary C. Patterson, Huntington, 30 years, and John H. Jones, Logan, 25 years.

**Familiar Faces IN NEW PLACES**

**Kentucky and West Virginia Power Company**

Employee	Ashland District	To
Clyde Watkins, Jr.	Meter Department	Local Accounting Office
Roy Kirk	Commercial Dept.	Meter Department

**Appalachian Electric Power Company**

Employee	Beckley District	To
Irven J. Jones	Groundman	Truck Driver-Groundman

Employee	Logan District	To
W. J. Deskins	Electrical Maintenance helper	Utility operator C
Harold E. Garrett	Meter helper	Meterman C
Richard D. Blevins	Meter helper	Meterman C
A. J. Jordan, Jr.	Meter helper	Meterman C
R. M. Oakley	Meter helper	Meterman C
Harold S. Jimison	Meterman C	Meterman B
Billy F. Maynard	Laborer	Utility operator C
Jimmy R. Ellis	Laborer	Utility operator C

**Philip Sporn Plant**

C. E. Athey	Laborer	Helper, Maintenance department
C. D. Rice	Laborer	Helper, Maintenance department
C. W. Grimm	Laborer	Helper, Maintenance department
C. L. Tennant	Laborer	Coal handler, yard department

**Home Economists Attend National Convention**

Joreka Rippetoe and Gladys Reece, home economists for Kingsport Utilities, attended the 41st annual American Home Economics Association meeting in Boston last month.

**A Williamson Standout**

Tom Vernon, Williamson District summertime employee, has proved to be one of the standouts of the Williamson softball team.

In two clashes, Tom has banged circuit smashes in each contest.

**Compton Is Given Recognition In June Operating Notes**

J. W. Compton, Bluefield district superintendent, received recognition in the June issue of the A. G. & E. Operating Notes for his article on a portable dynamic distribution system.

This miniature substation and distribution line can be energized to aid in training new linemen and servicemen and to facilitate group discussions of operating problems that crews encounter. Not only does it provide better means than diagrams for demonstrating various transformer connections and how to handle emergency situations, but is also effectively used to demonstrate the results of various hook-ups. It can be readily transported in sections in a passenger car.

Local foremen have found it extremely helpful in developing line and servicemen and in discussing mutual problems in group meetings.

**East Rainelle Office Personnel Holds Picnic**

The ladies of the East Rainelle office proved that their grandmothers had to go some to beat them at cooking over an open grill. Although many are used to cooking on automatic electric ranges, they showed that they were no slouches when it comes to fixing a real picnic meal in old-timey way.

Everyone at the picnic held at Babcock Park on Wednesday evening, June 28, agreed that the ladies were due a vote of thanks for their splendid cooking of hot dogs and 'burgers.

# System Operating Department Is The Coordinator



Mr. McCormack and Mr. Kepner



The System Operating Department



Mr. Lewis at Turner

In previous articles we have seen how electricity is produced, transmitted and distributed. These three major parts of our business need to be coordinated so that our customers will receive dependable electric service at all times. In this article, we'll talk about the functions of the System Operating Department, the coordinator of production, transmission and distribution.

The system of Appalachian Electric Power Company, Kingsport Utilities and the Kentucky and West Virginia Power Company serves parts of Virginia, West Virginia, Kentucky and Tennessee. This system is an important part of the fully interconnected and integrated American Gas and Electric System whose 132,000-volt network stretches from Lake Michigan to the North Carolina border.

Keeping adequate electricity flowing through the system of the Southern Properties into every major distribution center so that the minute to minute demands of more than 495,000 customers will be served is the primary function of our System Operating Department. This department also has the important responsibility of directing system operations, so that the cost of producing and delivering electricity will be held to the minimum consistent with reliable service.

H. E. McCormack, who supervises system operations for the Southern Properties from Roanoke and who is shown with his assistant J. W. Kepner (Photo One), works in close cooperation with the A. G. & E. Service Corporation's coordinating offices in New York and Columbus and with affiliated system operators of The Ohio Power Company and the Indiana and Michigan Electric Company.

Aiding Mr. McCormack in his task are system operating personnel (Photo Two) covering the following functions: Load dispatching; production; operating engineering; substation operation; and administration including inter-company and intra-company billing and statistics. To perform the all-important tasks of system operation in the Southern Properties, men are on duty 24 hours a day at Turner switching station near Charleston, at Switchback station near Bluefield, at the principal generating plants, and during daytime at Roanoke switching station.

The System Operating Department has general responsibility for the following functions:

1. Economical loading of generating plants, transmission lines, major substations, and inter-company tie-lines from a system viewpoint.

2. Scheduling economical power interchanges and sale or purchase of power involving other utilities.

3. Maintenance of proper system voltage and frequency.

4. Establishment of correct operating procedures and practices.

5. Scheduling outages of generating and transmission equipment for maintenance.

6. Forecasting system load for each day, month and longer periods to ascertain the amount of fuel and generating capacity which may be required to meet power demands.

7. Supervising normal and emergency switching of major system circuits.

8. Compilation of system switching diagrams for guidance of system operators, load dispatchers and station operators, system "Operating Manual" and "Operating Orders," statistical or historical information regarding equipment or for government reports, plant and system production costs, and daily records of power interchanges between utilities for accounting or billing purposes.

It is extremely important that day-to-day estimates of power demand be accurate so that adequate generating equipment, but not more than that, shall be on the line to meet load requirements. It is uneconomical to have more capacity on the line than is needed to carry load and for reserve requirements. On the other hand, there must be enough. The system load fluctuates in a fairly uniform pattern throughout each 24 hours, but the magnitude of the demand is dependent on many factors, including weather conditions.

Steam plants are loaded on an incremental basis with our system plants' loading coordinated with sister companies. Hydro plants, which are chiefly for peak loads, are loaded for efficient use of water considering available river flow, storage conditions, weather forecasts, and maintenance of downstream flow for other water users.

Power-flow diagrams are compiled weekly and used to check line and substation loadings at different periods of the day. Power used during system-peak periods is segregated monthly between intercompany and divisional uses to ascertain the demands of various sections of the system and guide the scheduling of equipment outages for maintenance.

The "Operating Manual" and "Operating Orders," compiled by the system-operating department, show correct switching methods,

clearance procedures, safe operating practices, and the emergency and normal operating steps for handling all major transmission lines and interconnecting sub-transmission lines and stations on our system. Preliminary steps to be followed in emergencies are issued to load dispatchers and operators.

The main dispatching office at Turner switching station handles the load-allocation schedules for the various steam and hydro plants, the pre-arranging of equipment outages at plants, on lines and in substations, general supervision of all major system troubles, and direction of all trouble switching on the southern system north of Baileysville, West Virginia.

Maintenance of the correct system frequency (60 cycles) is another important responsibility of the system operator. It is accomplished by automatic tie-line frequency-control equipment supplemented by manual adjustments. These adjustments are directed by system operators who periodically observe telemetering instruments that give minute-to-minute guidance to check each plant's load, as F. H. Lewis, chief system operator, is shown doing at Turner (Photo Three).

A monthly forecast is supplied to each plant on expected energy and coal requirements. A detailed 24-hour advance operating schedule is supplied to each plant each day. This indicates the period each generator should be in service, and the output expected during the several load periods of the day. However this schedule may be changed during the day by the system operator, if weather conditions or other system disturbances require it.

At Switchback, system operators handle directly any trouble switching on the system south of Baileysville, and the hour-to-hour and minute-to-minute load changes that may be necessary on the plants in that section. A. B. Litteral is shown (Photo Four) examining a "Hold" card on the control board at Switchback.

At Roanoke switching station, during the daytime only, system operators handle any trouble south of this point, and also the interconnections with the Virginia Electric and Power Company, Duke Power Company, and the eastern section of the Carolina Power & Light Company. Power interchanges through these interconnections, and the system load are read hourly from meters at Roanoke. G. G. Brammer, Roanoke station, is shown (Photo Five) discussing regulation with the Duke

Power Company through the Fieldale-Dan River interconnection.

Dispatching boards (Photo Six) are installed at the Turner and Switchback dispatching offices to indicate up-to-the minute conditions on all lines and substations in the southern system. Each circuit breaker and disconnect switch involved is represented on the board by a colored plug; a red symbol represents "closed," and the green "open."

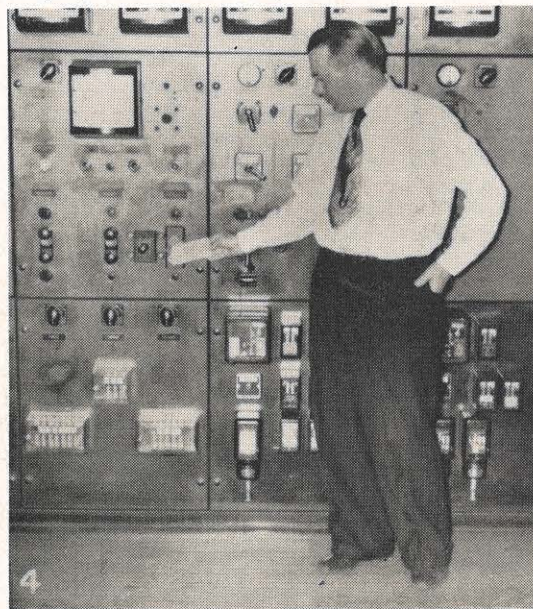
When any equipment or section of line is taken out of service for maintenance, the dispatching-board switching symbols are changed and the necessary "Hold" cards are placed on the boards and also on the controls of the actual switches, as a safety precaution, shown by Mr. Litteral. These cards carry the names of the men performing the switching, the man receiving clearance, the man granting the clearance, and the work being performed. Prior to giving clearance for work on any equipment, all switching is rechecked and a deadline test of the line or equipment is made at one of its terminals to be certain that it is deenergized. The "Hold" card is never removed until the system operator has received the proper release from the person who received the clearance.

These methods are used to protect men working on lines or equipment, and also to protect equipment when restoring it to service. They assure that all personnel is clear of the circuit and that all temporary protective grounds are removed before the circuits are reenergized.

Fast and reliable methods of communication are of utmost importance in providing dependable electric service. For system operating purposes, power-line carrier-current telephone circuits link the dispatching offices at Turner, Switchback and Roanoke with their parts of the southern system and with interconnected systems.

In addition to the carrier communication, long-distance telephone service is available in the principal plants, dispatching offices and substations.

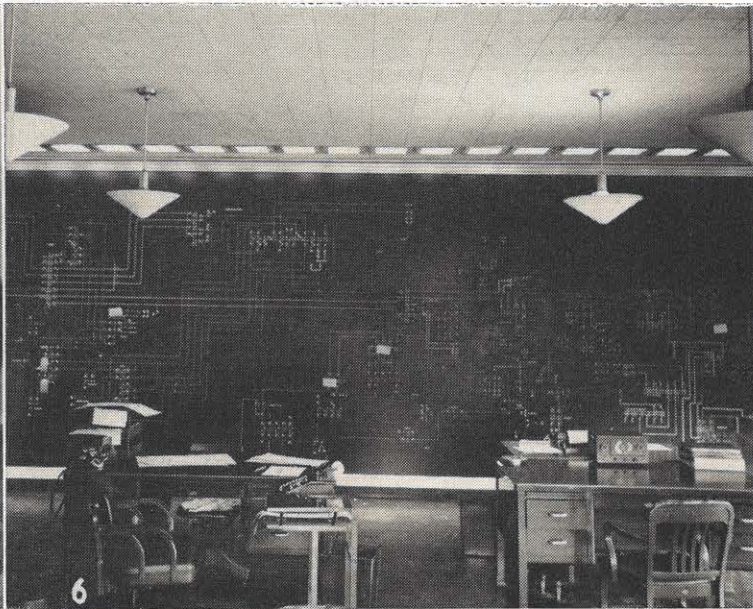
In the Roanoke office, commercial teletype sets are used principally on load information with the American Gas and Electric Service Corporation (New York and Columbus, Ohio), The Ohio Power Company and the Indiana & Michigan Electric Company. The weather reports are received on the teletype machine. Miss Edith McFadden, Roanoke office, is shown operating a teletype machine (Photo Seven).



Mr. Litteral at Switchback



Mr. Brammer at Roanoke



Turner Dispatching Board



Miss McFadden Teletyping

A "Living" Tribute

## Hazard's Bobby Davis Memorial Park And Library Provide Beautiful Recreation Area For Perry County

In Hazard, Ky., the Bobby Davis Memorial Park has special significance for many of the townspeople and for the employees of Kentucky and West Virginia Power Company.

The park is a "living" memorial to the 186 Perry Countians who were killed in World War II. It was built by Lawrence O. Davis and named for his son, Bobby, who was killed in a train accident in Europe after the cessation of hostilities. Mr. Davis has given the park to Perry County and it is the scene of many picnics and other summer activities.

Mr. Davis conceived the idea of a "living" memorial after seeing the Civil War Memorial at Vicksburg, Miss. He supervised the building of the four-acre park which includes a library, a swimming pool, picnic grounds and has more than 400 varieties of plant life growing in it.

The library is built of Perry County sandstone. Inside are over 11,000 volumes and the collection is growing to its ultimate 20,000 books. No charge is made for any book or service at the library.

The swimming pool is 26 by 52 feet and 10 feet deep at the deepest point. Here, too, no charge is made for swimming or for the picnic area adjoining. The children may swim in the pool up until 4 p. m. and then they are cleared out so that adults may use it. Adult use of the pool is by reservation only because of the great demand for it.

The third big feature of the park is landscaping. Native growth predominates the 400 varieties of plant life. The big rose garden provides fresh flowers for the library and on Sunday for the Hazard churches. All of the landscaping has been planned.

### Simplified Table For Energy Division Is Devised By Ebeling

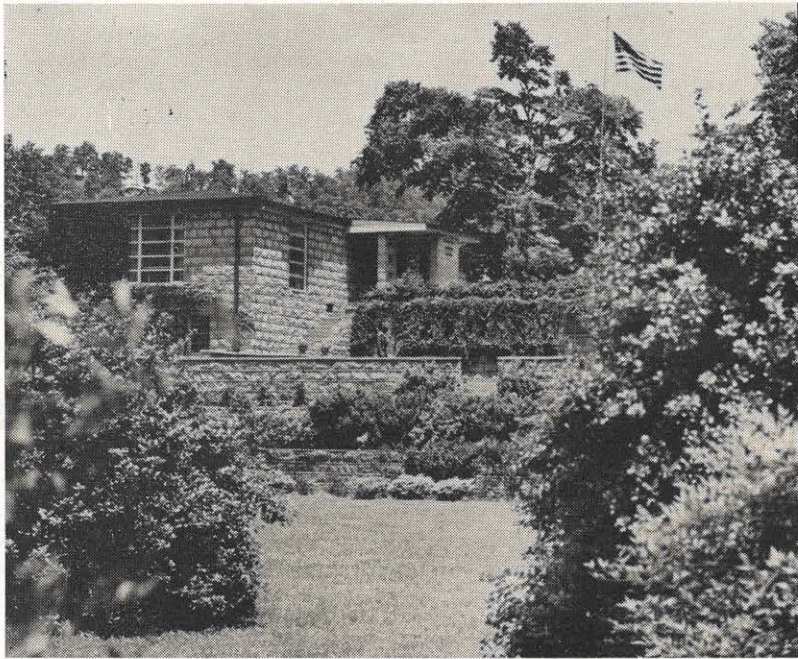
J. A. Ebeling, of the system operating department, has solved a problem which arose in connection with the apportionment of the electricity produced by the new Philip Sporn Plant between the Appalachian and The Ohio Power Company, joint owners of the plant.

Under the operating plan, each company is considered to be entitled to a share of the plant output according to the investment in the plant. During the construction of the plant, this investment varies from month to month. Furthermore, since the plant's production varies from hour to hour, it is necessary to have a convenient and fast method to compute each company's share on an hourly basis, so that it can be reported immediately to the central dispatching centers at Turner station and Canton, Ohio.

The computation was originally made on an electric calculator, which proved quite satisfactory. However, this meant using an expensive piece of equipment for only one purpose.

Mr. Ebeling devised a simple mathematical table which permits the station operators to determine apportionment of the electricity produced at Sporn Plant with the help of an ordinary adding machine. This table resulted in a savings of considerable money and time.

Here is an example of how the table works: If the plant output is 250,000 kilowatts all the person needs to do is consult the table for the part of 200,000 kw. which should go to Appalachian and the portion of 50,000 kw. which belongs to Appalachian and add the two together to get an accurate total amount of the electricity belonging to our company.



Framed here in some of the beautiful shrubbery which is planted throughout the park is the Bobby Davis Memorial Library in Hazard. Just below the library is the memorial to 186 Perry Countians who were killed during World War II.

The spiritual heart of the park is the memorial to the 186 Perry Countians who were killed in World War II. It is located in a sunken terrace near the library and is the essence of unobtrusive simplicity. In the center of the rectangular terrace is a reflecting pool of crystal-clear water. The terrace is bounded on all four sides by big sandstone blocks to which are attached bronze plaques, each bearing the name of a fallen soldier

and the country he died in. Underneath each plaque there is an azalea, which is always in bloom on Memorial Day.

The Bobby Davis Memorial Park is truly the "living" memorial which Mr. Davis set out to build in memory of his son and the other Perry County men. It serves Hazard and Perry County as a recreation area and is used by hundreds of Perry Countians each year.

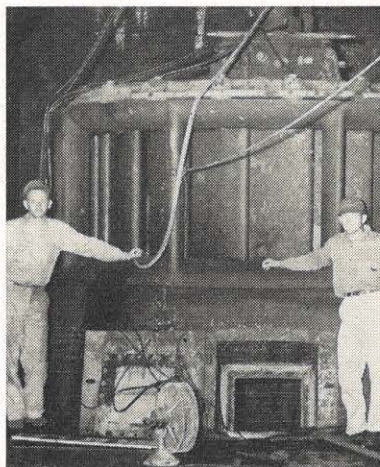
### Reusens Water Wheels Are Repaired



The annual maintenance work on the water wheels has been completed at the Reusens hydro plant near Lynchburg.

Shown in the top picture: C. C. Jackson, Kanawha Valley Power Company, welds a crack in one of the water wheels. Mr. Jackson is actually sitting "inside" the wheel to carry out his work.

In the bottom picture Jim Porter (left) and Norman Brookman (right) stand by the entry way to the interior of the water wheel.



## Scout Jamboree Is Attended By Sons Of Employees

A number of sons of employees experienced many exciting moments early last month as Boy Scouts from every state in the union and approximately twenty foreign countries attended the National Boy Scout Jamboree at Valley Forge, Pa. Nearly fifty thousand scouts and leaders visited some of America's most historical shrines and heard some of the nation's outstanding speakers during their stay at the historic camp site.

From various phases of scoutcraft to horned toad swapping, employees' sons took an active part in the Jamboree. A few of these boys have pointed out their most exciting moments at the Jamboree.

J. A. Muncy, son of Russell Muncy of the Hazard district, was impressed with the vastness of the tent city and the large number of scouts attending the Jamboree.

Hugh F. Eads, son of Hugh J. Eads, of Ashland, attended the Jamboree as a delegate of the First Christian Church Troop 112. In addition to taking part in the activities along with his troop, young Eads served as a reporter for the *Ashland Daily Independent* and kept the people of Ashland informed of the interesting events taking place day by day.

Bob Cruickshank, son of J. P. Cruickshank, system transmission and distribution department, Roanoke, was made a patrol leader of Jamboree Troop Number 22. Bob, a Life Scout, is a member of an Explorer Post in Roanoke.

Bobby Musgrave, son of R. S. Musgrave, Huntington, represented his troop as flag bearer when President Truman visited the Jamboree. Young Musgrave, an Eagle Scout, was impressed with the efficient manner the formation and the tours were conducted.

John Cloyd, son of F. M. Cloyd, Welch, won recognition for being the best camper in his Jamboree troop. Young Cloyd was enthusiastic about all phases of the camp and its tours. The winning of the campcraft flag highlighted his trip.

### Huntington

(Continued from page 4)

E. D. Buskirk vacationed at Pawley's Island, N. C.

Mr. and Mrs. Edward Slater spent their vacations in Cincinnati, Detroit and Canada.

Mrs. Eunice Fitzgibbon is visiting with relatives in Seattle.

Mr. and Mrs. Nicholas Roomy, Jr., and son spent a two weeks' vacation at Webster Lake, Ind.

### Williamson District

James Lawrence has returned to work after spraining an ankle in a Williamson City League softball game. Clarence Noe has returned to work after two weeks' confinement in the Williamson Memorial Hospital.

Faye Woods, wife of Pete Woods, line department, has returned home from the Williamson Memorial Hospital.

Amos Fields, Sprigg substation, has returned from Newark, Ohio, where he visited his son, Rush, formerly employed in the Williamson district, who is confined in the Newark Hospital.

Jim Richmond and family vacationed at Nags Head, N. C.

T. M. Watkins spent his vacation fishing at Daytona Beach, Fla.

Betty Roach has returned from her vacation in Cincinnati.

## Cooking Schools Give Husbands A Few Lessons



From the look of things it's the men's turn to prepare the dinner at the work-shop cooking school in the kitchen of Humphreys Memorial Church. Pictured above are W. S. LaFon, Miss Sally Gates, home economist; Mrs. F. P. Styles, Mr. Styles, Mrs. W. S. LaFon, Mrs. R. E. Hodges and Mr. Hodges busily preparing their dinners.

Cooking schools are being conducted for Charleston employees and homemakers who are being taught the advantages of electric ranges in connection with the range promotion campaign going on in the district. Even the men tried their hand at becoming chefs and picked up some tips that make meal-fixing a comparatively easy task.

### Roanoke

(Continued from page 4)

employees were among the guests.

Mr. and Mrs. Leon A. Chatman spent a week's vacation at Nags Head, N. C.

Mrs. C. W. Allen, wife of Charlie Allen, system substation department, is confined in a Roanoke hospital.

Mrs. Martha Fitzgerald and her husband have recently returned from a vacation in Chicago.

Mr. and Mrs. A. H. Gravely and daughter, Susan, vacationed at Myrtle Beach, S. C.

Mr. and Mrs. J. G. Willhide and family visited in Washington, D. C., and Charleston recently on their vacation.

Mr. and Mrs. Ed Woody motored to Daytona Beach, Fla., recently on a vacation.

C. L. Robison motored with his family to Denver, Colo., on his vacation.

Margaret Haley vacationed in Washington, D. C., and New York City.

Mr. and Mrs. Wallace Coffey and family vacationed in Leonardtown, Md.

W. B. Poff, Jr., vacationed at Daytona Beach, Fla.

Sarah Adams, Virginia Welch, Katherine Kerr, Glada Fleishman and Allie Whitlow spent a week's vacation at Virginia Beach, Va.

Estelle Stanley spent her vacation in New York City.

Mary Peverall spent a week's vacation at Douthat State Park.

Ruth Poindexter spent a week vacationing in Washington, D. C., and Norfolk, Va.

Juanita Cromer vacationed for a week at Virginia Beach.

Steve Thomas spent a week's vacation in Charleston.

### Cabin Creek Employees Enjoy All-Day Outing

Cabin Creek employees and their families held their first outing of the year at Beckwith 4-H Camp on July 1 and the all-day picnic proved such a success that other activities are being planned.

About 200 people joined in the entertainment that included swimming and softball. A wide variety of picnic foods had a range of appeal that reached everyone.





Shoots 70

Melvin Brown Defeats H. P. Dodd To Win Annual Roanoke Golf Tourney



Shown above are the flight winners in the annual Roanoke handicap golf tournament. Left to right, W. F. Keehne, second flight winner; Melvin Brown, champion and first flight winner; H. P. Dodd, runnerup and third flight winner, and C. R. Hedgecock, fourth flight winner.

K.U.I. Fighter Wins Bout In Boxing Show



Jake Sells, who was named to the All-Tournament Softball Team two straight years, is a standout in several sports.

In a recent Kingsport amateur boxing show, featuring the best of East Tennessee fighters, Sells gained a unanimous decision in the main event over "Tiger" Trinkle, of Bristol, the East Tennessee 1949 Golden Gloves champion. Sells, outweighed by ten pounds, outclassed the Bristol slugger in the fast-moving three-round event.

Jake, in past years, has been a finalist on two occasions in the Southern Golden Gloves boxing classic.

Melvin Brown, Fieldale employee of Appalachian, fashioned a one under par 70 over the Monterey course on July 22 to win the company's annual handicap golf tourney. The victory marked Brown's second time as champion as he took the Roanoke tournament with a 74 in 1941 before transferring to Fieldale from Roanoke.

Brown triumphed over H. P. Dodd, Roanoke, at the climax of the two-month long tournament in which 64 Roanoke and Fieldale employees participated. The new champion, who had a handicap of five, was crowned at the end of the tournament by J. E. Jones.

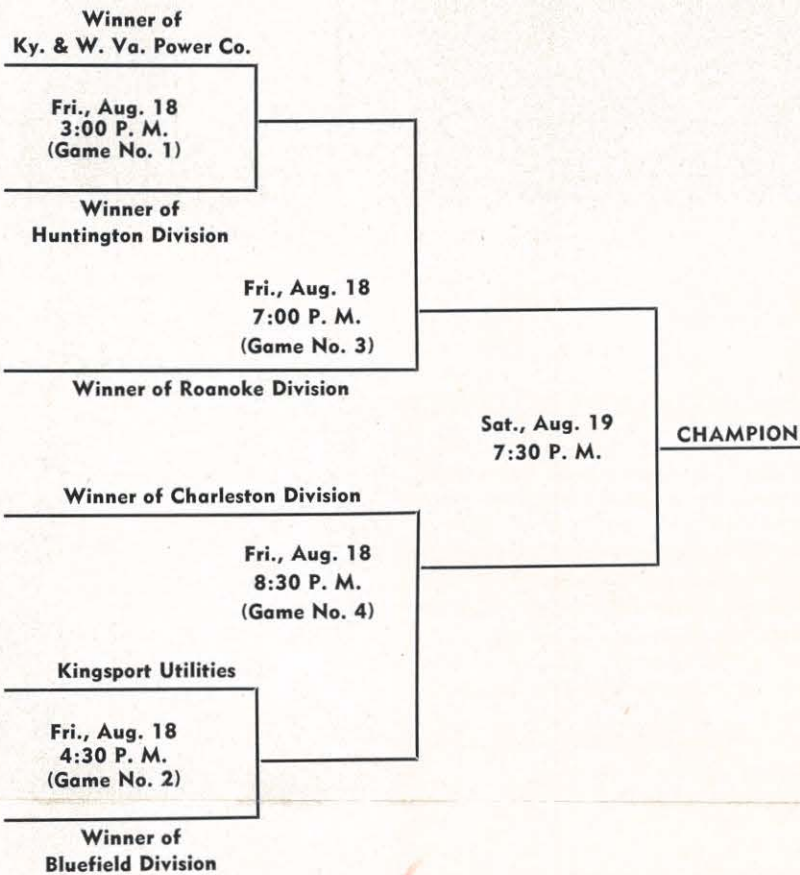
Dodd, third flight winner, defeated C. R. Hedgecock, fourth flight winner to play Brown in the championship match. Brown defeated W. F. Keehne, second flight winner, to enter the finals.

In a consolation match Keehne defeated Hedgecock for third place in the tournament.

The "Reds," captained by Brown, won out in the team match by scoring 29 points over three other teams. Champion team members included P. C. Ray, L. E. Nester, H. W. Taylor, E. A. Stalker, J. A. Ebeling, C. O. Roberson, J. E. Jones, R. L. Mills and W. A. McClung.

Awards were presented by J. D. Lawrence, assistant Roanoke division manager. Brown was given a trophy and a golf club for his victory. Dodd and Hedgecock were awarded golf shoes while Keehne received a golf jacket. Winning team members received golf balls and several other "special" prizes were given.

1950 Softball Tournament Pairings



Huntington Softball Squad Enters Finals

The Huntington district AEP softball nine, boasting but one loss for the season's league play, will clash with the Riggs Dry Cleaners in the West End Industrial Softball League finals the second week in August.

The company team's lone defeat came at the hands of the Riggs softball squad.

Charleston And Point Pleasant Split Two Twin-Bill Encounters

In June and July, Charleston and Point Pleasant District softball teams clashed in two double-headers, and they're all even in the won-lost column.

In the first double-header at Point Pleasant, Charleston scored a 3-to-0 shut-out over the host club. Point Pleasant reversed the decision in the second game and blanked the Capital City club, 4 to 0.

During the second games in July, Charleston edged Point Pleasant, 5 to 4, in a ten-inning opener in Charleston. Copenhagen's two-run homer brought Charleston from behind and knotted the count at 4-all in the third. They squeezed their winning run across the plate in the final frame.

In the second contest, Point Pleasant's "Wimpy" Stricklen pitched the visitors to a 4-to-0 shut-out. He also helped to clinch the victory when he slammed a two-run homer in the sixth.

Following both engagements, the teams were honored with a lawn party and a general outing.

Softball Teams Set Sights On Ninth Annual Tournament

Six softball teams representing the best squads of their respective companies and divisions will clash in Ashland, Ky. on August 18 and 19 for the championship of the Ninth Annual Softball Tournament.

R. N. Hurt, tourney director, has released the results of the drawing for the first round games. The drawings were made by Mrs. Marilyn McWhorter, an Ashland district employee. The representatives of the Charleston and Roanoke divisions

received byes through the first round.

The first round games to be played on Friday, August 18, send the Kentucky and West Virginia Power Company entry against Huntington division's entry and Kingsport Utilities against the Bluefield division team. Complete pairings are shown elsewhere on this page.

In the consolation rounds, the loser of Game One and the loser of Game Four will meet at 10:30 a. m., Saturday, August 19. The losers of Games Three and Four will tangle at the same time on another diamond. The winners of these contests will play for third and fourth place tournament honors as a preliminary to the championship game.

Following the tournament finals, a reception will be held in the ballroom of the Henry Clay Hotel in Ashland. Tournament winners will receive their awards and trophies and an All-Tournament team will be named.

Only one team, Kingsport, has been named as a positive tournament entry. In other companies and divisions, preliminaries are being held to determine the teams which will take part in the tourney at Ashland.

The 1950 Tournament Committee is composed of Messrs. R. N. Hurt, W. E. Coleman, R. G. Taylor, H. H. Kincaid, P. B. Lumbard, R. F. Millikan and D. C. Duncan.

Kingsport Team Drops Four Straight Games

Posting an eight - five record, Kingsport Utilities has dropped into fourth position in the 12-team Kingsport league as the result of dropping the last four games by close margins.

Until recently, luck had been riding with the one-time league leaders in the Industrial Softball League when the team won eight straight games after losing only the first game of the season. Sluggers still hitting over the .300 mark for the team are Rayfield, Cloud, Ward and Trumbo.

Lynchburg Golfer Wins Weekly Tourney Honors

R. A. Tibbs, Lynchburg pay-roll department, and his partner came from behind to win a recent weekly golf tournament at Oakwood Country Club. They won with a net score of 59 and defeated their opponents by one stroke. They were each awarded a prize of a dozen golf balls.

Oakwood Country Club holds this tournament weekly and one hundred members of the club usually participate.

Son Of Lynchburg Man Makes Record Catch

J. P. McDermott, Jr., entered a record brook trout catch for the day of July 8, when he brought in an 18 3/4-inch fish while fishing in the Tye River.



Mr. Van-Cleve, president of the Izaak Walton League, said he thought this was the record so far this year in the contest for brook trout.

McDermott is the son of J. P. McDermott, garage foreman in Lynchburg.

Fieldale Anglers Land Black Bass



Three Fieldale District employees have photographic proof their July 4th fishing trip to Back Bay, Va., was no dud. The Fieldale anglers are shown exhibiting their day's catch of 35 black bass. Left to right, the fishermen are: Jerry Sanders, Fieldale; John Morrison and Lawrence Hawks, of Stuart.

## Retired Employee Active As V. F. W. State Commander

A retired employee who has plenty to do is W. M. "Bill" Farmer, of Pulaski, who heads the Veterans of Foreign Wars in Virginia. Bill was elected state commander at the 28th annual department encampment in Richmond, June 18-21.



He has spent much of his time working with veterans' affairs since retiring in 1942 as the result of becoming permanently disabled from wounds received in October of 1918, while leading his platoon against enemy machine gun fire.

Bill was awarded eight of the highest decorations for heroism in action from the U. S. and French governments while serving with the 18th infantry during 1917 and 1918.

Starting to work for the company in 1923, at the Pulaski substation, Bill was transferred to the Byllesby Hydro Plant in 1925 and worked there as operator until 1936. He returned to the Pulaski substation as operator until 1937.

He then served as PBX operator in the Pulaski First Street office until 1940. Hospitalized for several months in 1941 as the result of his battle wounds, Bill returned to work with the accounting department at Pulaski before retiring the following year.

## Employee's Daughter, Class Valedictorian, To Become A Nurse

Miss Loretta Pierce, daughter of Mr. and Mrs. W. L. "Happy" Pierce, of Meadowview, Va., has been accepted for entrance to the Johnston Memorial School of Nursing in Abingdon. Miss Pierce, a 1950 graduate, was valedictorian of her graduating class at the recent Meadowview High School commencement exercises.



During her high school years, she attained outstanding recognition as a scholar. She was secretary of the senior class; vice president of the junior class; vice president of the French Club; a member of the National Beta Club; editor of the *Mirror*, the school newspaper; and played a major role in the senior play.

Loretta's grandfather, "Bob" Pierce, and her father, W. L. Pierce, are both veteran employees of the Edmondson Electric Company; the Holston River Power Company and Appalachian. Her grandfather is retired and her father is employed as a hydro operator in the Abingdon District.

## First Employee Picnic Held At Point Pleasant

Point Pleasant district held its first employee picnic June 25 at the Mason County 4-H camp. Games for adults and children, prizes, food and drink, and recorded music broadcast over a loud speaker formed a part of the day's entertainment.

## Sporn Employees At "Open House"



Some Philip Sporn Plant employees and their families are shown as they pause to read the description of a high-pressure turbine at the Philip Sporn Plant. Shown left to right, Mr. and Mrs. R. C. Johnson; Mr. and Mrs. Charles H. Evans; and Mr. and Mrs. R. E. Warner and their son, David.

## Patteson

(Continued from page 1)

the American Gas and Electric Company, served as master of ceremonies for the dedication. He introduced Gov. Patteson, who paid tribute to the newly constructed plant, the Ohio Valley and the allied industries which made the plant possible.

"We are deeply impressed," Governor Patteson explained, "with the fact that this plant has been designed to become one of the largest, most economical electric power producers in the world. The enormity of this modern, electric power plant is beyond the comprehension of most of us. In fact, it would take a technically trained, electrical power engineer of considerable courage and vision, to even begin to comprehend all its potentialities. It takes men of Philip Sporn's ability and vision, not only to dream of such an undertaking, but to make it become a reality. It is leadership of his caliber that has made America the greatest industrial power on earth.

"This great power plant will attract many more industrial plants to this section of our state. The Philip Sporn Plant will provide the power to make our dreams of a great industrial center in this valley come true."

## Sporn Reviews Growth

Mr. Sporn reviewed briefly the growth and the accomplishments of Appalachian and The Ohio Power Company during the past decade. He talked of some of the technical aspects of the new plant, the rural electrifica-



Several employees of the Philip Sporn Plant are shown with their families enjoying a luncheon which was held during "open house."

tion program of the two companies, the growth in the sale of kilowatt-hours and in plant investment. During the same period he pointed out that the two companies had paid over \$157,000,000 in federal, state and local taxes.

"I think that if we examine carefully the record of performance and analyze what is behind it, we are led to the conclusion that of the many things that contributed to that performance four are outstanding. They are: Private Capital; Flexible Planning; Research and Imagination; and Enterprise. All of them are exemplified in this plant which we are dedicating today," the A. G. & E. President told his audience.

"We have been told again and again that private industry cannot or will not plan for the future but is solely concerned with immediate objective—immediate gain. Not only is this not true but, as a matter of fact, the only kind of planning that really works—flexible non-rigid planning, democratic planning if you please—can only be carried out by private enterprise," Mr. Sporn declared.

He discussed the planning which had been necessary in the building of the new plant touching on the raising of capital from private investors, the research which was carried out and is continuing and finally the bold enterprise which went into the building of the plant.

"It is important to point out," our president said, "that no government-initiated aid, moral, technical or economic, brought it about or had a hand in the opening up of this new frontier on the Ohio."

## Private Enterprise

In conclusion, Mr. Sporn said, "With the growing tendencies of government abroad and here to take over the task of planning, managing and finally dictating the lives of its people it is more than ever important that we dedicate ourselves anew to the principles that have been our guides and have enabled us to reach our present position.

"Private enterprise and initiative developed our physical frontiers and made possible the growth and development of this country to its present status. Enterprise built this country and enterprise made it strong. Only enterprise can assure our being able to continue strong and secure."

## Honored At Service Pin Dinner



The Charleston employees shown above were honored recently at a service pin dinner. From left to right, first row, they are: Helen Porter, Deloris McDowell, Kathryn Sacco and Jane Hutchinson. Second row: C. W. Taylor, R. W. Speas, C. B. Talley, S. T. Preston, W. H. Jones, M. F. Murray, J. W. Massey, B. F. Montague and H. N. Belcher. Back row: E. W. Russell, D. E. Johnson, L. C. Hurst, B. W. Clay, J. S. Hudnall, M. A. Goode, G. W. Summers, O. R. Allen, T. K. Rhodes, G. E. Hervey and C. R. Metz.

## System Employee Receives 35-Year Pin During Month



Tyler Stowers, system stores supervisor, Roanoke, completed more than 35 years' service with Appalachian Electric Power Company and its predecessors July 24.

Mr. Stowers started his career in the utility business at the age of 14. He was first employed in Bluefield as an appliance salesman. In those early years, his main duty was the selling of electric irons. He has been directly associated with stores work in the industry for more than 27 years.

Mr. Stowers was employed in Bluefield for 33 years prior to being assigned to his present duties in Roanoke.

## Charleston

(Continued from page 4)

at his home in Clarksburg. Lois Archer spent a few days of her vacation in Dayton, Ohio.

Bill Gilmour spent a week with his family at Watoga State Park.

Mary Ellen Criss and children vacationed at her home in Fairmont.

Bernice Roush spent a week camping in Mason County.

Robert Miller, Tommy Rose and Harry Chambers attended the National Guard camp at Fort Knox, Ky.

## Charleston District

Ben N. Thomas, Nitro office, and his wife vacationed in Ohio.

Walt Minsker spent his vacation touring in Canada.

Mrs. Rea Jo Eary and her husband spent a two weeks' vacation at Daytona Beach.

Milton W. Scott and his wife spent their vacation in Kentucky.

J. J. Fain and his family recently visited relatives in Durbin, W. Va.

George Kapp is back to work following a six weeks' illness.

J. E. Hammer and his wife have returned from a vacation in Miami.

Harry Silling and "Specs" Currence have returned from California, where they attended the 1950 Shriners' convention.

Pat Horn and her husband vacationed at Daytona Beach, Fla.

Ida Maye Newkirk and her husband recently spent their vacation at Myrtle Beach.

Mr. and Mrs. Guy R. Mountse, Jr., recently vacationed in Ohio, Indiana and Illinois.

Mr. and Mrs. Henry Grimm spent their vacation at Ocean view.

New Charleston district employees are: Miss Norma Lee Young, commercial department; James Preston Gordon, meter department; Miss Hettie K. Bowyer, home service department; Miss Mary Dolan, commercial department; Calvin John McMillan, Nitro office; Miss Patricia O'Connor, home service department, and Miss Marita Ann Young, commercial department.