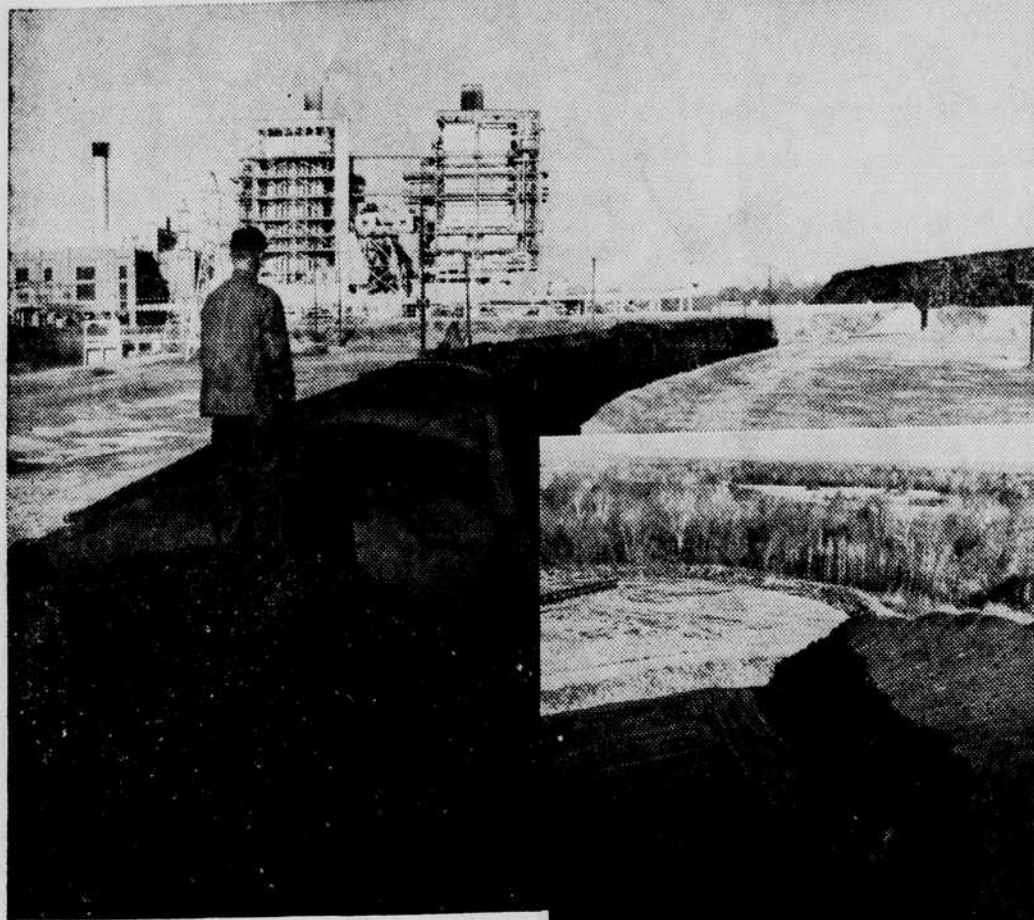


# 'Coal By Wire' Takes Bite Out of Winter



**COAL BY WIRE**—Fifteen rail cars of coal head into Carolina Power & Light Company's Cape Fear steam-electric generating plant near Moncure, N. C. This shipment, about 1,350 tons, will supply the plant for eight hours. Inset, a bulldozer and coal cars are dwarfed by the gigantic 115,000-ton coal reserve at the Cape Fear plant. Here coal is converted into electricity—"coal by wire"—to serve CP&L customers in the two Carolinas.

"Coal by wire" is taking the bite out of winter in a growing number of Carolina homes, adding another to its long list of chores performed without the coal storage problem, the scuttle and the clinkers of yesteryear.

William S. Holcombe, manager for Carolina Power & Light company, explained that "coal by wire" describes the transformation of energy from coal into electrical energy.

"For years electricity has performed the tasks of lighting, cooking, cooling, grinding, mixing, lifting and pulling in the home," he said. "The advent of electric space heating adds a new chapter to the story of coal by wire."

"Those who have experienced the messy job of carrying coal into the house, stoking a coal furnace or hauling clinkers can appreciate the fact that coal by wire is available at the flick of a switch."

The transition has refired many coal furnaces and has relegated the coal scuttle and tongs to ornamental idleness beside the fireplace. In fact, many new homes with electric heat have done away with fireplace and chimney altogether.

Coal produces most of the electric energy used in the home, business place and industry, but does the job at CP&L generating plants far removed from the point of consumption.

The volume of coal consumed in the process staggers the imagination. CP&L coal piles are veritable mountains, containing thousands of tons. So huge are they that over-sized bulldozers are kept busy shifting the mass to make way for new shipments.

Last year CP&L purchased 1,590,907 tons of coal to keep its steam-electric generating plants going. That's 3 1/2 billion pounds—enough to load 17,676 rail cars. That much coal would heat 331,500 average homes for a year.

At the plant, coal is taken from the pile to the boiler by conveyors. The coal is pulverized to face-powder consistency and blown into the boiler's "fire-box." The fine coal burns with tremendous heat, producing high-pressure steam to turn the plant's turbine-generators.

So completely is the coal consumed that only a fine residue called "fly ash" remains. This powdery substance is piped off to settling basins, and a system of fans, filters and air purifiers reduce the plant's exhaust to little more than a thin white wisp of smoke discharged through 200 foot and higher stacks.

About 85 per cent of CP&L's total power supply is generated at coal-fired steam plants. Hydroelectric plants that once

carried the company's entire load now produce peaking power. Consumer demands in recent years have made it necessary for CP&L to concentrate on larger, more efficient coal-fired plants. Since World War II it has built 1,355,000 horsepower of steam-electric generating capacity, and a 320,000-horsepower generator is now under construction at its Goldsboro plant.

Each new generator is larger than its forerunner. Not many years ago production of one kilowatt required three pounds of coal. Today, at its more efficient plants, CP&L produces a kilowatt with less than a pound of coal.

The voltage is stepped up at the plant, carried over transmission lines, stepped down at distribution substations and delivered to the customer—leaving the coal pile far behind.

"Coal by wire" assumes the largest role in its history as a medium for space heating. There were 4,075 electric heating jobs, including homes, businesses and industrial plants, on CP&L lines at the end of November.

The company's fuel bill in supplying these and other needs will run to about \$13,000,000 this year. This is CP&L's second largest operational expense, topped only by a \$17 1/2 million tax bill.

majoring in organ under Kenneth Landis.

Miss Bourne, one of America's best known harpists, made her first professional appearance in Black Mountain this year. She is enroute to Florida where she has appeared annually for many seasons.

Miss Bourne also presents a program to schools and colleges which is played on the concert-grand harp, the Irish harp, and the harpette.

Each artist presented three groups as solos and a final group of four members' as duets. The variety and quality of their selections gave evidence of versatility, and

musician'ship in their chosen instruments.

Many requests have been made for these artists to make an annual appearance in recital in this area.

Miss Bourne has been the house guest of Mr. and Mrs. H. R. Leitenberger of Farm School road where she entertained for their friends Dec. 26.

—The farmer got only 38 cents of the food dollar in 1959. He got 40 cents in 1940 and 53 cents in 1945 (the peak war year.)

—The only people you should want to get even with are those who have helped you.

## We Salute -- WNC Lions Will Meet January 21

We Salute YOU on Your Birthday!

January 5—Joe Perllor, Connie Connor, Delmar Watson, Jr., Mary Bunch Love, Paul Fisher, Dean Halford, June Claire Boone, Clarise Patterson, Barbara Robertson, Glenn Howell, Bob Glenn, Frances L. Foster, Banner Oakley, Leona Harris.

January 6—Jessie May DeHart, Mrs. Jake Robertson, Walter Ball, Mrs. W. C. Green, Agnes Howell, Clyde A. Stubbs, Sarah Hubbard, Judy Evans, Jimmie Helgreen, Mrs. L. H. Stepp, Mrs. Theo. Weaver, Bonnie Bastarache, Myrtle L. Johnson, Jean Roberts, Mary Ann Rhodes.

January 7—Wallace Tucker, Edward Perkins, Raymond M. Richardson, Jr., Dian Stepp, Leslie Smoien, Matrise Robertson, Edna Guyton, Holly Ledbetter, Steve Enslay, Rickey Huntsinger, Cynthia Marlowe, Lucius Blair, Carl Edmonds.

January 8—Richard B. Stone, Harry E. Barkley, Mickey Corbin, R. A. Simpson, Nancy Gillis, Hardy Lee Goss, Al Droller, Mrs. Douglas Jones, Ralph Massey, James Nolan, W. M. Fortune, Jr., Jean Mackney, John Chase Bennett III, Joey Powell, Joyce Jolly, Frances Hensley, Carolyn M. Wilhide, Mrs. James D. Kennedy.

January 9—Geraldine Langford, Elsie Ball, Shirela R. Smyre, Elizabeth Keith, Lila Crisp, T. G. Stafford, Mrs. S. W. Odum, Nilla Hall, Dave Jones, David Brandon, Clara Rondel, Lester Roland, Charles Reid Ownbey, Mary Lee White, Jonnie Ray Cook, Nancy Brown.

January 10—Buddy Greenwood, Jerry Stephenson, Mrs. Minnie Forrester, Hattie Perry, A. N. Simmons, Terry Reese, Blanche Slade, Mrs. Florence L. Hudson, Barbara Dell Bain, Mary E. Upton.

January 11—Shelly Connor, Bertha Norton, Roger Medford, Harold LeMaster, Jack Cleverger, Mrs. W. A. Huneycutt, Cora Robertson, Connie Bell, Jack Briggs, Herman Owenby.

John L. (Jack) Stickley of Charlotte, a past president of Lions International, will participate in the mid-winter convention of Western North Carolina Lions Clubs Saturday, Jan. 21, in Hendersonville.



Jack Stickley

Stickley served in the association's highest office during the 1956-57 club year, traveled more than 250,000 miles during his year as president, visited Lions projects throughout the world.

He is a former leader of the world's largest service club organization which now has 622,606 active members in 15-314 clubs in 110 countries of the free world. Stickley has been decorated by several governments.

A past president of the Charlotte Lions club, Stickley served as zone chairman, deputy district governor and district governor prior to his election to the international board of directors in 1951 at Atlantic City, N. J.

Stickley was elected third vice president in 1953 at Chicago, Ill., second vice president in 1954 at New York City, and first vice president in 1955 at Atlantic City, N. J.

A Key Member, the Lions official is the holder of the 100 per cent District Governor's Award, the Extension Award, and has been named an Ambassador of Good Will.

Stickley operates a nationally known sales agency by the name of John L. Stickley and Co., which specializes in yarn and raw materials, natural and synthetic. He is also an officer of Stickley Specialty Yarn Corp., Realdevelco Corp., Textile Realty Co., Realty Associates, Inc., and a director of Package Products, Inc.

## Kearfott Party Huge Success For 600 Guests

On December 17, Kearfott's Children's Christmas party was held in the Owen High school auditorium in which there were 600 in attendance. The party started at 9:30 a.m. and lasted until 12:00 at which time cartoons were shown by Chris Bauer, plant engineer. Mr. Bill from WLOS-TV Channel 15 entertained the children and was master of ceremonies for the program.

The highlight of the program, of course, was the visit from Santa Claus who gave each child a present, stocking full of candy, and a rubber ball. After the visit with Santa, the children were treated to ice cream, soda and cookies in the cafeteria.

Committees for the Christmas party were as follows: Jessie Glenn, general chairman; Margaret Golden, publicity; Kenny Woods, ticket; Mary Wagner, gifts; Carolyn McMillan, refreshments; Mike Hodge, entertainment; David Silver, decoration and location.

### CARD OF THANKS

The George Whitaker family of Montreat wishes to take advantage of this most inadequate means of expressing their deep and abiding appreciation to the many, many friends, known and unknown who showed their interest in the recent illness and passing of their little daughter and sister Dale, by their gifts and their prayers for her and us. Words fail us when we try to give expression to our sincere gratefulness for all that was done. We cannot express our feelings personally and individually because there are so many whose names we do not even know. All we can say is, "God bless you!"

## What to Do in Black Mountain

Jaycees meet 1st Thursday for business, 7:30 p.m.; 3rd Thursday for dinner at Monte Vista, 7:00 o'clock.

Black Mountain-Swannanoa Rotary club meeting, Don's Outpost, Mondays, 12:15 p.m.

Black Mountain Lions club, Monte Vista, second and fourth Thursdays, 6:30 p.m.

Black Mountain-Swannanoa Kiwanis club, each Thursday noon, Monte Vista hotel.

The following events, sponsored by the Get Acquainted club, to which all interested persons are invited:

Every Thursday night, 7:30 p.m., Monte Vista hotel, duplicate bridge; instruction by Max Woodcock.

Blue Ridge Duplicate Bridge Club, Don's Restaurant, Tuesday night, 8:00 p.m.

Classes in Millinery, Wednesday mornings, St. James' Episcopal Parish house, 9 o'clock. For further information call Mrs. Townsend Hay, NO 9-7844.

Other purely social activities listing in this column may call the Black Mountain News. Save this schedule for easy reference.

## FACTS ABOUT YOUR BLOOD

You own the longest, fastest, and busiest waterway in the world. That's your 60,000 miles of blood vessels, through which blood circulates completely every 30 seconds. You are a bloodstream conductor—a speedy, efficient pick-up and delivery service that makes the best-run railroad look like a scatterbrained tortoise. The blood collects life-sustaining

materials, delivers them where they're needed, picks up wastes, and drops them off at the proper dumping grounds. Never a mistake.

You've got about six quarts of that useful red stuff, five in circulation, one in reserve. When you donate a pint of blood, it's replaced from the reserve in a few hours, but it takes about seven weeks to build up another pint in the reserve again.

The blood is so chock-full

of chemicals, hormones, vitamins, sugar, protein, oxygen, red cells, white cells, platelets, and what have you that it's a wonder it can move at all, much less zip around the way it does. Red cells carry oxygen around. White cells battle disease germs and mop up blood to clot.

Quick loss of a quart or more of blood spells curtains, unless it's replaced fast by a blood transfusion.

You can bleed to death from a major artery in less than two minutes. That's why heavy bleeding should be stopped first, even when an accident victim isn't breathing. He'll die faster from loss of blood than from lack of air.

Oh, yes, and there's no such thing as blue blood. Royalty—what's left of it—has the same red fluid circulating as the rest of us.

## "SUPER-RIGHT" HEAVY GRAIN FED BEEF CHUCK BLADE

# ROASTS



BONE-IN  
PER LB.  
**39**

BONELESS CHUCK ROASTS **55c**  
BONELESS LEAN STEW BEEF **55c**

## "SUPER-RIGHT" LEAN, FRESHLY GROUND

# BEEF 3 LB PKG. \$1.17

Per Lb. 39c

## "Super-Right" Quality Specially Priced!

Pure Pork Sausage **67c** 3 1-Lb. Rolls **\$1.00**

Frozen Beef — Chicken — Turkey or Ham

Morton Meat Dinners **49c**

White House — An A&P Exclusive Brand

EVAPORATED MILK **79c**

Outstanding Low Price — Prepared

AUSTEX BEEF STEW **65c**

Chocolate — Vanilla or Banana Flavored Coating

BREMNER JUMBO PIES **39c**

## JANE PARKER LARGE ANGEL FOOD OR LARGE CHERRY

# PIES

EACH ONLY **39**

## FREE!

One Package Sparkle Reg. Pudding With Purchase of Four Packages at Reg. Price! YOU PAY ONLY . . . .

**5 Reg. 29c**

Regularly 4 Pkgs. For 29c

Ann Page Pure Fruit Strawberry Preserves **55c**

Ann Page Salad Dressing **43c**

Ann Page Tomato Ketchup **55c**

Ann Page Strawberry Preserves **55c**

Ann Page Tomato Ketchup **55c**

# BANANAS

Large 2 1/2 Dozen Size **19c**  
FRESH CELERY 2 "Stalks" **19c**  
Fresh Florida GRAPEFRUIT 8 Lb. Bag **45c**  
Crisp York APPLES 4 Lb. Bag **39c**

MILD & MELLOW **EIGHT O'CLOCK** **1.55**  
3 LB. BAG **53c**

SPECIAL LOW PRICE! BIRDS EYE FROZEN Green Peas 2 LB. BAG **49c**  
A&P BRAND FROZEN Spinach 4 10-OZ. PKGS **45c**

## Music Lovers Entertained By Organ and Harp

Music lovers of the Black Mountain area enjoyed a rare treat on the evening of Dec. 30 at the First Presbyterian church on Montreat road.

Misses Peggy Cooley and Miss Alice Lee Bourne of Lyons, N. Y., appeared in a joint recital for harp and organ.

Miss Cooley who is a senior at Wilson College, Pa., is

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Phone: NO 9-4101

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