

PROJECT NEAR COMPLETION

Nantahala Power Plant Expected To Be Ready By January 15th

The Nantahala Power and Light company's dam in the northwestern part of the county near Aquone is almost completed according to engineers on the project. They state that they expect to close the gates about January 15. The time for the filling of the lake will require from six months to a year, depending upon the rainfall.

J. E. S. Thorpe of Franklin, president of the Nantahala Power and Light company, himself a distinguished engineer, has directed the huge project, which was designed by J. P. Growden, chief hydraulic engineer of the Aluminum Company of America, of which the local company is subsidiary; and the Utah Construction company, that built the Boulder dam, are the contractors.

Will Form Beautiful Lake

A beautiful lake of 1,420 acres will be formed when filled by the waters of the winding little mountain stream, the Nantahala river. The dam, which is of rock-filled earth construction, will be 260 feet high with top measuring 1,042 feet and the width at the base between the upstream and downstream sides, 1,130 feet, containing 2,200,000 cubic yards. The power house is ten miles down the river, and tunnels will carry the water under the Nantahala mountain range to the wheel.

The last tunnel comes to the surface at a point high up on the steep side of the Nantahala Gorge—known to the Indians as "Where the sun shines only at mid-day." From this point, the water will drop down through the penstock line, 1,200 feet to the wheel.

This dam creates another impor-

tant unit for generating power for defense. The electricity will be transmitted to the aluminum plant at Alcoa, Tenn. It can be synchronized with all other units of the Aluminum Company of America in combination with the TVA units in North Carolina, Tennessee and Georgia. The voltage coming from the terminals of the 60,000 horsepower generator can be brought up to 154,000 volts by oil-cooled transformers located near the power house.

The power house is built of reinforced concrete, much of which is below the ground surface.

The generator will be driven by a reaction wheel at the bottom of a deep pit and will operate under the highest reactive head in the United States, it is said.

Marvel Of Engineering Skill

The whole structure is a marvel in engineering skill and construction. The rugged terrain has been overcome by huge rock quarry excavations, tunnels under mountains and the building of many new roads high up on the mountain sides. The blasting has been on a stupendous scale and machinery of mammoth size has been employed in the construction.

The project has necessitated the building of a small town to accommodate the army of workers, and has included carpenter shops, repair shops for huge tractors, trucks, locomotives, dump cars and other machinery.

The type of this dam is said by engineers to be even safer than a concrete dam. Material has been tested by laboratory experts who have determined scientifically the quality of the clay and the pressure it is capable of resisting. Prior to the building of the dam, research determined the strength of the strata, the possibility of earthquakes, and every other angle which might affect the safety of the structure. All this was done before the site was finally located.

Edgar Carpenter Trains For Naval Radio Service

Indianapolis, Ind., December 10.—Edgar Carpenter of Franklin, N. C., has been assigned to duty as a student of the U. S. Naval Training school, Naval Armory, here, it was announced today by Lieut. Commander Boyd Phelps, USNR, Commanding Officer of the school. Carpenter will take a four months' course designed to train him as a radio operator. Following his graduation from the local Naval Training school he will be assigned to active duty with Uncle Sam's fleet or at one of the many shore stations.

The Millionth—For America's Defense



As thousands of defense workers cheer, the one-millionth aerial fragmentation bomb produced by the Budd plant is presented to Col. D. N. Hausman (left), and Brig. Gen. B. O. Lewis, of the Army Ordnance Department, by Edward G. Budd, President of the Philadelphia firm. Although the exact rate of production of the new bombs, said to be the most deadly of their type in the world, is a closely guarded military secret, it is one of the highest in the U. S., officials revealed. The bomb is designed for use against infantry.

ROLL CALL

(Continued From Page One)

Todd, T. F. Queen, Zeb Patton, Conney Taylor, Mrs. John Arnelin, Fred Hilton, Mr. Bush, Mr. Richard, Fred Childers, Woodrow Walker, Thomas Murphy.

West's Mail

H. R. Morrison, T. R. Mason, Emerson G. Crawford, C. N. West, Fred Moore, Frank Gibson, Bowden Dryman, Mrs. Burdell Ray, Mrs. Thelma Edwards, donation box supper, \$38.31.

Flats

Mrs. Fleeta Mason, J. Frank Wilson, A. L. Wilson.

Gossip

Myrtle F. Keener, J. H. Fulton, Mrs. J. H. Fulton, J. T. McCoy, S. E. McCoy, Sheridan McCoy, G. H. Reid, Mrs. G. H. Reid, W. L. Keener, Lee Keener, O. C. Corbin, Mrs. O. C. Corbin, Elberta M. Houston, Sanford Smith, Cullasaja; Mr. Roy Kinsland, Franklin; Joseph Dendy, B. C. Dendy, Miss Mae Dendy.

Classified Advertisements

NOTICE TO FARMERS

Medium boned, ~~chick~~ registered black Poland ~~chick~~ for service. See Bob Waldrop, Franklin Route 1. N27-4tp-D18

FOR RENT—Five-room house, on Bidwell street. Good garden included. See Lee Guffey, Franklin, or write Ralph Parrish, Brevard, N. C. D3-2tc-D10

GOOD USED CAR BUY

Ford Coach, 1935 model, motor excellent, replaced new in 1939. New tires. Heater. Cash sale desired. Mrs. J. W. C. Johnson, Franklin Press.

FOR RENT—Two rooms, adjoining bath, stoker heat. Mrs. S. W. Mendenhall, Harrison Ave. D11-ltc

CLEARANCE SALE

On used Sewing Machines, Cheap. Franks Radio & Electric Co. (Next to Burrells Garage) D11-ltc

LOST—A bar hog, 2 years old, two under slopes in right ear, underpit in left ear. \$5.00 reward if returned to my farm. Zeb Angel. D11-ltp

WILL PAY straight salary \$35 per week, man or woman with auto sell Eureka Poultry Mixture to Farmers. Eureka Mfg. Co. East St. Louis, Ill. D11-ltp

NEW COTTAGES FOR RENT

Modern conveniences, at Arrowwood Park. Apply Mary Willis, Franklin, N. C. D11-2tp-D25

LOST—A woman's coat, grey, size 14, between Lee Pointexter's filling station and Cold Springs. Reward \$1.00. Return to Franklin Press Office. D11-ltp

SMART MONEY

KNOWS WHERE TO GO AFTER READING THE ADS IN THE



Otter Creek School News

Teachers and Pupils had a patriotic rally last Monday morning at the school. The program was as follows: Devotional, R. N. Moses; summary of current events, C. D. Moses and Jack Carpenter; patriotic songs by group.

The Otter Creek Five will meet Highlands and Cullowhee schools this week.

Comfortable Hens Produce More Eggs

When the cold winds of winter blow, that's the time to think of the comfort of the farm poultry flocks, says C. F. Parrish, poultryman of the N. C. State college extension service.

A comfortable house, free from drafts, will help to keep the birds free from common winter ailments and aid them in producing a maximum number eggs.

Then, too, each bird should have at least 3 1/2 to 4 square feet of floor space. If the flock is crowded, additional space should be provided or the number culled down to a point where the birds may be comfortable in present quarters.

Water that has been heated to knock the chill off, or fresh from the well early each morning, will do much to prevent a cold snap from causing a sharp drop in egg production. For less trouble, automatic electric or oil-heated warmers should be installed.

The feeding of one pound of alfalfa leaf meal per 100 birds will be a satisfactory substitute for green feed if the dry fall prevented the sowing of a grazing crop.

If the flock is properly housed and cared for and not more than 30 to 40 eggs per 100 hens are received daily, then there may be something wrong with the health or breeding of the birds.

FISH

Should a wartime emergency arise, the annual supply of fish for food could be increased "almost immediately" by 185,000,000 pounds, says the Federal Fish and Wildlife Service.

INCREASE

An increase of 82 per cent over the previous year in electricity delivered to consumers is shown in a report of REA-financed power systems for the fiscal year ending June 30.

MICKIE SAYS—

BE LOYAL TO YOUR HOME TOWN
YOUR HOME
GIVE THE
US, NOT
CORRESPOND
SOME
NEW



Airplane Ambulance To Go To Government

A telegram received yesterday by Dr. Edgar Angel, county man of the Old North State was replied to as follows: "The committee for Macon county approves the proposal to transfer airplane ambulance purchased by Old North State Fund to government instead of to the British. Signed, Edgar Angel, chairman; J. E. S. Thorpe, Mrs. Alfred Higdon, G. A. Jones.

Macon county's contribution to this fund was \$702, which exceeded Macon's quota by 700 per cent; the largest percentage over quota of any county in the state, according to George Ross Pou, state auditor.

Iron Raised In Potatoes?

Farmers would soon be asked to raise potatoes to produce scrap iron to aid the National Defense program if they could raise a crop similar to the potato brought to the Franklin Press office last week by T. T. Reeves of the Burningtown section. Protruding from one potato was an old rusty trace chain six links long. In another potato found in the same hill Mr. Reeves found a large iron bolt. He added that if the phenomenon continued he would contribute the metal to the National Defense program.

Christmas Benefit At Iotla School

The Iotla school is giving a Christmas program Saturday, December 13, beginning at 7 p. m.

A box supper and cake walk will follow the program. The proceeds will be used for the new community house. The public is cordially urged to come.

Otter Creek High Sponsors Blue Grass Boys

Bill Monroe and his Blue Grass boys, accompanied by DeFord Bailey, will appear at the Franklin courthouse with one of their fine programs on Wednesday, December 17. They are sponsored by the Otter Creek high school.

WANT ADS GET RESULTS

Macon County Curb Market

Will Take Orders for Cakes, Cookies, Dressed Chickens, Eggs and Dairy Products Market to be Open December 24th
MACON COUNTY HOME DEMONSTRATION CLUBS' CURB MARKET

SWAFFORD'S MARKET

WAR Is Declared On PRICES Too!!

Post Toasties, box
Hello (all flavors)

W
Soa

46-oz. Can
Grapefr

6 Small or 3
Libbys' M

1 1/2-Gal. Can
Table S

14-Oz
Ca

Christmas Nuts, lb. 23c
pecans, English Walnuts, Mixed Nuts
Brazil Nuts

Oranges, doz. 15c
2 Lb. Box Meadow Soft

Stick Candy 25c
1 Lb. Jar

Cocoa 10c
1 Lb. Can

Mince Meat
FRUIT CAKE MATERIAL

SAVE for WAR

This is the time to do our best in everything. Let us be united from our hearts.

BE READY AND PREPARED

I am ready and prepared to serve you in my line. Come in my store and shop early, I can help you solve your problems. "Put-a-Way" packages—we provide a place for that.

Good merchandise is good saving. Be thrifty and SAVE FOR DEFENSE. When you look at an article in our store if it is good or sorry we will tell you so. WE DO NOT BETRAY YOU LIKE SOME NATIONS DID US.

Best assortment of men's and women's bathrobes we ever had. Real values

\$2.50-\$8.95

Bed Blankets, 'good as you want for the price'

\$1.29-\$2.95

Men's Jackets and Mackinaws, solid and plaids

\$1.95-\$7.50

Men's Horse Hide Jackets—"Genuine"

\$9.75-\$13.75

All Wool Pants, "from suits", best yet

\$6.75

Men's Sweaters, to suit your neck form

\$1.00-\$3.95

hundreds and hundreds of items for you to select from on display at our store.

IT'S A GOOD PLACE TO TRADE WHERE YOUR \$'s HAVE MORE CENTS

the Ashear's

Clothe the Family"