

# Firestone

GASTONIA  
NORTH CAROLINA

## NEWS

BENNETTSVILLE  
SOUTH CAROLINA

BOWLING GREEN  
KENTUCKY



OCTOBER, 1973 •• Summer's past.

The corn's in the pone and the pumpkin's in the pie.  
Season's maturity at full-circle. October has come again.

## BG Treating Unit No. 1

### Works Like A Microwave Oven

Operations began Oct. 1 for the company's newest fabric-treating unit No. 1 at Firestone's Bowling Green, Ky., plant. The facility, built alongside No. 9 unit, was completed in September.

Some 80 construction workers and technicians attended to final details. They added sheetmetal paneling and flashing to heat-treat ovens, did pipefitting for the gas trains and installed water and air lines.

Also final stages, millwrights aligned rollers, put in duct insulation; electricians terminated wires, installed light fixtures and checked rotation of motors. Engineers made final inspections.

The new treating unit is capable of processing fabric at 125 yards per minute, "with a versatility never before possible," according to Craig Wolf, Bowling Green plant engineer.

Wolf said that many combinations of saturator stations, oven passlines, pullstands, infra-red and dielectric will be possible.

"This new treating unit is the only one known to have the 400-kilowatt dielectric section. This section works much the same way as a microwave food-cooking oven. That is, the dielectric treats cords from the inside out," Wolf said.

"Also unique to this treating

unit is a 10,000 cfm catalytic oxidation unit which controls pollution emissions from the exhaust stacks."

The plant engineer explained that this pollution-control equipment cleans up emissions in much the same way that the automobile manufacturers intend to control emissions from motor vehicles. Added Wolf:

"The new No. 1 treating unit is the most efficient fabric-handling oven in the Firestone organization. Many engineering

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unit is a 10,000 cfm catalytic oxidation unit which controls pollution emissions from the exhaust stacks."

Barry and Charles are freshmen.

• Laura Ann Hall, oceanography, Duke University, Durham, N. C.

• Samuel M. Rhyne, pre-

law, University of North

Carolina, Chapel Hill.

Laura and Samuel are

sophomores.

• Heard at shift-change, Gastonia: "This note referred to an inscription on an Old English piece of pottery: "What handi-craft can with our art compare? For pots are made of what we potters are."

• The Minuteman Flag, highest award of the U. S. Treasury Department for Savings Bonds purchasing, was presented to Firestone Textiles Company Gastonia plant in September.

Employees increased purchase of U. S. Savings Bonds to 72 percent this year, over

salary for those earning \$10,000 or more annually.

"We have faith that our people will live up to the fine tradition of generosity through the many years of our United giving at the plant," said Mr. Darwin. "It is a record to be proud of."

The county campaign, beginning Oct. 10, has its Victory Dinner meeting set for Nov. 8.

UNITED WAY campaign area includes all of Gaston County except Belmont, Bessemer City and McAdenville, communities which have United Fund programs of their own.

United Way is a volunteer organization supporting member agencies which provide social, health, youth services and other 'people benefits'.

• Motel sign near eastern entrance to Great Smoky Mountains National Park: Camping Is Fun FOR THE BEARS.



the 1972 figure of 62 percent.

C. D. Gray Jr., Gaston County Savings Bond Director (center) presented flag to M. J. Nichols (left), Preparations department manager; and L. H. Keenum, Waste control manager. Nichols and Keenum led in the Bonds sales increase program.

## We Can't Beat Nature's Laws

• Science is very big today. The scientific laws and forces of Nature are big every day. Ignore them and whammo! You're in a box!

Step on a slick spot and see what difference a proper coefficient of friction could make.

Trip over something and see if you can defy the law of gravity.

Go into a questionable air space without testing and see if your body can be fueled with less than 16.5 per cent oxygen in air.

Get 3 tons of auto moving 60 miles per hour and see what the forces of momentum and kinetic energy do if the decelerating frictional forces between road and tires cut out or vary.

### THEY SET THE STAGE ON WHICH WE PERFORM

Sniff an atmosphere for a couple of hours where the threshold limit value of some toxic material is exceeded and see if your innards curl or dissolve.

Gawk at an arc welder and see what radiation can do for your eyeballs.

Lie in the sun too long and see what it'll do for your skin.

Walk under a suspended load and cogitate on what would happen if that potential energy were converted to kinetic energy and how the law of momentum conservation would react on you at inelastic impact.

Hit a 5-ton truck going 30 mph with a 2-ton convertible going 75 mph and see what the coefficient of restitution is.

Fall off something and test the compressibility of bone and flesh versus other solids.

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