



Modern laboratory facilities and equipment help Burlington scientists in their probe of new textile horizons.

I-40 RESEARCH CENTER HAS FACILITIES TO EXPLORE

GREENSBORO, N. C. May 19 - Burlington Industries' gleaming new Research Center on Interstate 40 outside Greensboro is designed to provide the climate and facilities for exploring the new frontiers of textile science and technology.

The \$3.5 million Center, situated on 42 acres of rolling North Carolina countryside, is actually composed of three buildings devoted to administrative offices, technical library, research laboratories and a pilotplant. Formerly, Burlington's research department was housed on South Elm Street in downtown Greensboro and at the Company's executive offices on North Eugene Street.

The buildings are made of pre-cast stone with an aggregate granite finish. The large sections were pre-fabricated at plants in Greensboro and Charlotte, North Carolina, then brought to the site by truck.

The administrative and laboratory wings are designed around central service cores with offices and laboratories on the exterior walls.

Included in the administrative wing are offices, a large conference room, reception area, a central information service center and a taste-

fully decorated cafeteria for the Center's 170 employees.

The laboratory wing is divided into eight separate laboratories, each with its own area of speciality.

CHEMISTRY

The chemistry laboratory deals with new and improved fabric properties created through the design, synthesis and application of new chemical structures. Included among these fabric properties are such developments as stretch, soil release, wash and wear, durable press and water repellency. The chemical laboratory also provides analytical services to Burlington's 32 operating divisions.

DYEING

Advanced techniques for dye applications are the concern of the dye laboratory which utilizes such innovations as computer dyeing controls to insure uniformity of dye applications.

PHYSICS

A full-scale physics laboratory evaluates the physical properties of new and chemically modified fibers in the first step toward utilizing them in the manufacture of yarn and fabric.

ELECTRONICS

An electronics laboratory designs and assembles elec-

tronic measuring and control devices used in the manufacturing process to assure uniform quality for all Burlington products.

RADIATION

The radiation laboratory investigates the chemical effect of low and high energy radiation on fibers, yarns and fabrics for possible application to Burlington products.

High Speed Photography

Time magnification of manufacturing operations filmed at high speed is used in the high speed photography laboratory to reveal the normally hidden aspects of textile processes and processing equipment.

HIGH POLYMERS

Research on rubber-like elastomers, resins, plastics and adhesives for bonding fabrics to wood and metal is carried on in the elastomerpolymers laboratory. The result of this research is of vital importance to Burlington's uphol-

ery and furniture operations.

POLLUTION

In line with its desire to be a good citizen of the communities in which its facilities are located, Burlington also maintains a pollution control laboratory to develop and implement procedure for the control of water and air pollution.

Also housed at the Center is the Company's Man-Made Fibers Purchasing department.

The third building of the Research Center complex houses a pilot plant where new fabrics will be woven on a sample basis for extensive evaluation before they are offered for the everchanging needs of the textile marketplace.

Social Security News

Spring is summer job hunting season for many high school and college students. Students who will be taking a job for the first time and will need a social security number were urged by Robert C. Thomas, social security district manager, to apply now and avoid the May and June rush.

Mr. Thomas stated that, by applying now, the student will

avoid unnecessary delay. In May and June the number of applications for social security cards is four to five greater than in the other months of the year, and some delays occur. Since employers need to see a new employee's social security card before he goes on duty, getting the card late could cause a delay in starting work, and result in missing a good job opportunity.

Mr. Thomas concluded by advising students not to wait until school is out to apply for their social security num-

bers. Applications may be obtained from the Salisbury social security district office located at 105 Corriher Avenue, or from most post offices. The telephone number in Salisbury is 633-6470. That office is open until 7:30 P. M. on Friday evenings.

The poorest education that teaches self-control, is better than the best that neglects it.

—Anon.

A college education shows a man how little other people know.

—Hillburton.



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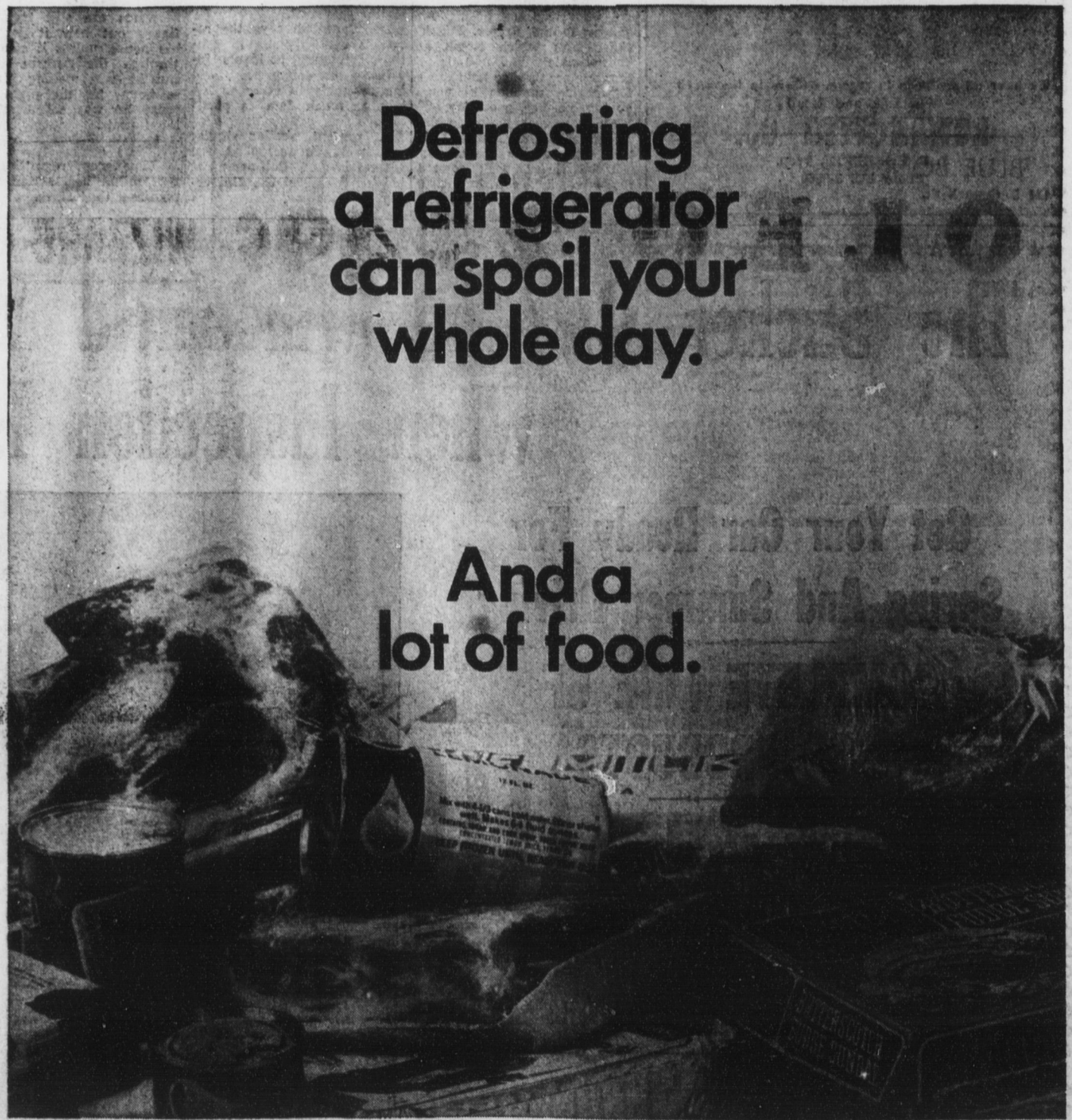
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STATION NO. 2

Defrosting a refrigerator can spoil your whole day.

And a lot of food.

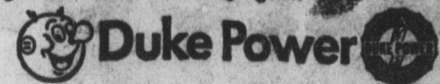


Just knowing that you have to defrost sooner or later is bad enough.

Then, when you do defrost, it's a chore. Food melts and spoils. And the ice melts and you have to mop. And, before you know it, the whole day is ruined.

So why don't you save the day with a frost-free refrigerator-freezer? At your favorite electric appliance dealer or Duke Power.

Do it soon. It won't be long before that refrigerator needs defrosting again.



MONDAY - FRIDAY 8:45 A. M. - 5:00 P. M.

OFFICE HOURS

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Martinsville Races

Martinsville, Va. -- The top older model modified and sportsman field of the season will pour into Martinsville Speedway this weekend for the first annual running of the Dogwood 300.

Sixty-seven cars with drivers from nine states have entered the 300-lap, 150-mile national championship race. Posted awards for the classic total \$11,000 with the winner receiving \$2,075 plus 550 national championship points.

Among those entered are NASCAR national sportsman champion Don MacTavish of Dover, Mass., as well as Carl "Bugs" Stevens of Rehoboth, Mass., Ray Hendrick of Richmond, Va., Bill Dennis and Sonny Hutchins of Richmond, N. Y., Ken Rush of High Point, N. C., Runt Harris of Richmond and Al Grinnan of Fredericksburg, Va., all of whom finished high in the NASCAR national modified standings last season.

Hutchins won the 100-lap race on the half-mile track in April while Hendrick has taken two of the last four events here. James Hayes of Norlina, N. C., winner of the modified 300 last fall, also is entered.

Stevens holds the qualifying record for modifieds at 80.071 miles per hour and the drivers will be out to break that when the first ten starting positions are decided in time trials on Friday.

Ten more positions will be determined in time trials on Friday.

Ten more positions will be determined in time trials on Saturday while the rest of the 40-car starting field will be decided in a 20-lap qualifying race. Barring mechanical troubles, that means that there could be 47 cars running for 20 starting spots in the qualifying race.

Between 20 and 25 cars are considered capable of winning the race and one of the most competitive events of the season is expected.

The first annual Dogwood 300 will get underway promptly at 1 P. M. (EDT) Sunday.

Schoolhouses are the republican line of fortifications.

—Horace Mann