

ON OTHER CAMPUSES

NEWSPAPER CONFISCATED IN EAST BERLIN

(ACP)—The Daily Tar Heel, student newspaper of the University of North Carolina, is subversive, capitalistic literature, not fit to be seen by the citizens of the glorious Democratic Peoples Republic of East Germany.

At least that's what the East German border guards at Checkpoint Charlie in Berlin told students Richard Rodgers and Andy Halton, assistant business manager, when they went across the border from West to East Berlin during the Christmas holidays, the newspaper reported.

Rodgers carried an issue on the trip to take a picture of someone reading it in sight of the border. They managed to take the picture before the border guards confiscated the paper.

"Somewhere in East Berlin

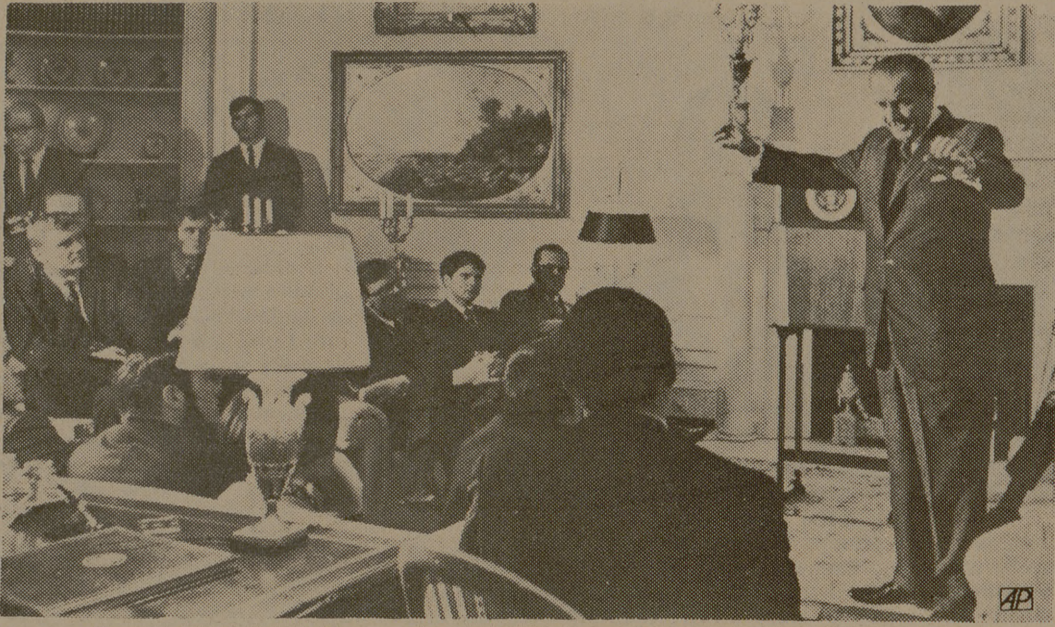
there are about six border guards getting ready to defeat us, probably as a result of the lead story on women's rules," Rodgers said.

STUDENTS ESCAPE TAX

(ACP)—Arizona State University students will not have to pay city sales taxes on educational purchases, according to a recent Superior Court ruling, the State Press reports.

Judge Charles L. Hardy ruled that the city of Tempe may not charge a one per cent tax on student housing and meal tickets, performances at Gammage Auditorium, or bookstore purchases by students.

The city had contended in its suit against the Arizona Board of Regents that taxes should be paid on such university purchases because they compete with local businesses.



'WOULD MEET THEM TOMORROW'

President Johnson, talking to college students in White House, said that despite the Communist offensive in Vietnam, his San Antonio formula for peace talks still stands and "we would meet them tomorrow." The President answered questions on Vietnam, dissent at home and unrest in the cities in a 75-minute question and answer session. The eleven students are members of the National Board of Choice, 68, a collegiate presidential preference primary. (AP Wirephoto)

Job Calls

Monday

Brown Engineering Company (A Teledyne Company), Pan American Petroleum Corporation, J. Ray McDermott & Company, Inc., Panhandle Eastern Pipe Line Company & Trunkline Gas Company, United States Gypsum Company, U. S. Army Materiel Command, U. S. Air Force Security Service, USDA—Rural Electrification Administration.

Tuesday

Ferris State College, Firestone Synthetic Rubber & Latex Company, Jones & Laughlin Steel Corporation, Libbey-Owens-Ford Glass Company, McGraw-Edison Power Systems Division, U. S. Army Audit Agency, Western Division, U. S. Geological Survey.

Tuesday and Wednesday

The Dow Chemical Company, The Firestone Tire & Rubber Company, Mobil Oil Corporation, Texas Power & Light Company, Ralston Purina Company.

Wednesday

The Firestone Tire & Rubber Company, Kansas State Highway Commission.

Wednesday and Thursday

LTV Aerospace Corporation.

Thursday

Ralston Purina Company, Aetna Casualty Company, Factory Mutual Engineering Corporation, Freeport Sulphur Company, The Travelers.

Thursday and Feb. 23

Bechtel Corporation, The Boeing Company, Pan American Petroleum Corporation.

A&M Activation Analysis Lab To Explore Testing Methods

A new method for testing a space age titanium alloy with nuclear energy — which could save many thousands of dollars — will be explored by Texas A&M's Activation Analysis Laboratory.

The study, funded by NASA at \$19,283, may lead to a method of improving the reliability of titanium alloy pressure vessels for future spacecraft applications.

William E. Kuykendall, Jr., assistant research engineer in A&M's Activation Analysis Laboratory, explains that titanium alloy used in pressure vessels exists as a mixture of two phases—alpha and beta. In the proper form, the alpha phase is evenly dispersed throughout the titanium alloy. In the unacceptable form, the alpha is present as oxygen-rich elongated "stringers." The stringers may seriously affect the strength of the titanium alloy.

This is where activation analysis enters the picture: By bombarding a piece of titanium alloy with fast neutrons (which are nuclear particles produced by the Laboratory's accelerators), some of the oxygen atoms are converted to a radioactive form of nitrogen. These nitrogen-16 atoms give off a characteristic radiation which can be detected.

"A titanium alloy pressure vessel forging can cost \$80,000 to manufacture. These pressure vessels are currently tested by potentially destructive methods," said Kuykendall.

Testing by activation analysis, which leaves the object unscathed, may be able to improve the reliability of the pressure vessel which are actually used on a mission.

In the initial six-month exploratory study, small pieces of titanium alloy will be analyzed. Later larger pieces may be mapped to detect differences in crystalline structure and oxygen content which indicate the presence of alpha stringers.

At the A&M Activation Analysis Laboratory pneumatic tubes similar to those used in department stores zip the sample into the path of fourteen million electron volt neutrons and then zip it back to a counting device. This system is automated and computer controlled.

Kuykendall believes activation analysis may have a number of other applications in testing the materials used in the space program. Today, the steel industry employs activation analysis to monitor the oxygen level in its products.

NEWMAN'S STILL CHAMP

(ACP)—Rest easily, girls. Paul Newman's still the champ—at egg-eating, that is.

Newman's imaginary record of 50 eggs was threatened, however, when Louisiana State University sophomore Mike Patterson, in an heroic attempt, gobbled 41 in an hour, the Daily Reveille reports.

Patterson took his run at the record, established by Newman in the movie "Cool Hand Luke," before a cheering crowd of 66 men on the basement floor of Hodges Hall.

The psychology major apparently had claimed he could down the eggs and received appropriate challenges from men on the floor. About 15 of them were said to have a special interest in the event.

Patterson, of medium build and weighing about 180 pounds, started fast, swallowing more than 30 the first half hour. But then the pace slowed.

"The turning point was at 25, halfway," he said. "Then I started feeling real full."

He walked around the room Newman-style, listened to advice from trainers, and attempted to open up some room by burping. But with one minute to go, he had downed only 40. He decided then to try to gulp them all but gave up in the attempt for fear of choking.

Any regrets? "I'll try again about a month after the second semester begins," Patterson said.

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Congressmen 'Smoking' Mad Over Mail Poster Dispute

By JOSEPH E. MOHBAT
WASHINGTON (AP)—A nasty little backstage Washington wrangle went into those anti-smoking posters soon to adorn the sides of U.S. mail trucks.

By all accounts of reliable government sources Wednesday: The President was irked.

The secretary of agriculture was unhappy.

The postmaster general was harassed and nearly sued.

The surgeon general was stubborn.

Tobacco-land congressmen were smoking-mad.

AND EVEN as the posters prepare to go up, it's virtually im-

possible to tell who won. The dispute already has cost the Department of Health, Education and Welfare half of February — the month it had reserved to use the mail trucks to tell Americans:

"100,000 doctors have quit smoking cigarettes. Maybe they know something you don't."

As a result of the skirmish, the posters also will carry a newly printed sticker informing poster-watchers that the 100,000 doctors are an "estimate based on surveys by National Opinion Research Center and U. S. Public Health Service."

NOBODY foresaw controversy last autumn, when Secretary of

Welfare John W. Gardner wrote Postmaster General Lawrence F. O'Brien to reserve one side of 53,000 mail trucks for this month.

The Public Health Service designed the poster. The Post Office Department's role, a spokesman said, was simply to make sure that it was waterproof and of proper size.

All went serenely until the end of January, when the Associated Press carried a two-paragraph item about the mail truck campaign.

All involved are still pretty sensitive about what happened next. None wanted to be quoted by name. The consensus account:

LAWYERS FOR the tobacco lobby threatened to sue the Post Office Department to keep the posters off the trucks. Post Office referred all questions about the "100,000 doctors" claim to Health, Education and Welfare.

Members of Congress from tobacco-growing states "made strong personal representations" to Post Office and Welfare in protest of the poster.

They happened to be on congressional committees that have much to say about Post Office and Welfare operations. Finances, too.

THE AGRICULTURE Department, which is spending \$3.5 million a year for tobacco research, took no official position.

How to interview 130 companies in half an hour.

Talk to the man from General Electric. He represents 130 separate GE "companies" that deal in everything from space research to electric toothbrushes. We call them product departments. Each one is autonomous with its own management and business objectives. That's why a job at General Electric offers the kind of immediate responsibility you might expect to find only in a small business. Right from the start you get a chance to demonstrate your initiative and individual capabilities. And the more you show us, the faster you will move ahead. As you do, you'll find that you

don't necessarily have to spend a lifetime working on the same job in the same place. We have operations all over the world. Chances are you'll get to try your hand at more than one of them. Our interviewer will be on campus soon. If you're wondering whether it's possible to find challenging work in big business, please arrange to see him. He speaks for 130 "companies."

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