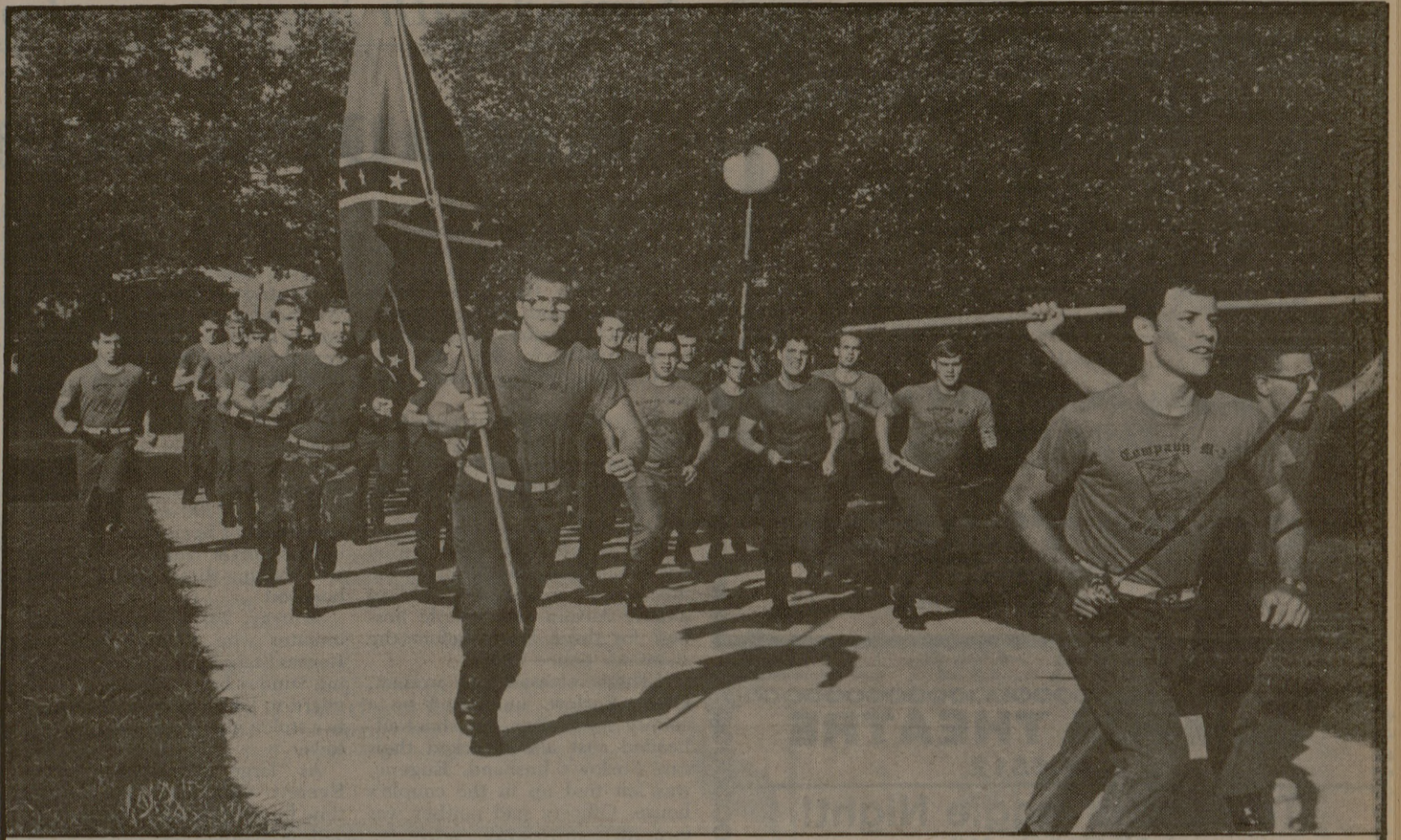


National

Simulation will measure bomb effects

United Press International
WASHINGTON — A non-radioactive, simulated nuclear bomb will be exploded at the New Mexico test range Wednesday to check the blast and heat effects on military equipment and buildings. Plans for the controlled, above-ground explosion at the white sands Missile Base were announced by the Defense Nuclear Agency Tuesday.

The explosion of 620 tons of ammonium nitrate and fuel oil mixture will simulate a one-kiloton nuclear blast. A kiloton is the equivalent of 1,000 tons of TNT. "There will be no radiation present since the explosion will be generated by non-nuclear materials," a Pentagon announcement said. "The thermal effect will be created by burning powdered aluminum with liquid oxygen." Similar tests were conducted in 1979 and 1978, but an agency spokesman said this experiment will mark the first time the effects of both blast and heat will be measured.



Hey, Bo-Diddley!

Members of the Corps of Cadets participated in their first warm up to the corps yell practice held in front of President Vandiver's house later that night. The run was a

Staff photo by Dave Einsel

Caribbean coral reef finds happy home in St. Louis zoo

United Press International
ST. LOUIS — A Caribbean coral reef is growing in Missouri, a part of the country more conducive to producing corn than a thriving saltwater ecosystem.

The reef is the newest exhibit at the St. Louis Zoo and Director Richard D. Schultz says the zoo's prompt response to a query by the Smithsonian Foundation made it possible. "Last summer the Smithsonian put out letters to about 23 major zoos, aquaria and science museums, and said they might have funds available for anyone interested in producing such a reef," Schultz said.

The Smithsonian has a prototype reef at its Museum of Natural History in Washington and was planning to combine its own funds and expertise with monies from the National Science Foundation to help create similar reefs elsewhere.

But the federal funds dried up when the Reagan administration clamped down on the budget. Only the St. Louis Zoo beat the cutback in finances.

"We didn't stutter about it," Schultz said. "I talked to some other zoo people and they were interested but just hadn't done anything about it. We simply acted promptly and we're the one that ended up with it." "We're just as excited as we can

be about it." The reef is in the zoo's Aquatic House but it's not just another fish tank.

A wave generator simulates the motion of the currents that wash over a reef, circulating oxygen and nutrients the living organisms feed on. A rack of halide lamps turn on and off sequentially to generate the appropriate cycle of sunrise, noon, dusk and night.

Temperature and salinity controls are in a room behind the 2,500-gallon exhibit, and an algae scrubber is above. The exhibit actually includes two tanks — the reef and a sandy lagoon area with sea grasses — joined by pipes that allow fish to pass through.

"The biggest thing the Smithsonian contributed was the collection of the coral," Schultz said. "That's excruciatingly expensive to collect. They had to take a ship down to the Caribbean with a bunch of divers who knew exactly what they were collecting and how to preserve it."

The living coral is the element that allows the exhibit to be a complete "microcosm."

"It's a complete food chain," Schultz said. "An enclosed system in which we grow algae and there's something that eats the algae and something that eats the thing that eats the algae. That makes it a real, fascinating thing to look at and a tremendous research tool."

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OFFICIAL NOTICE TO STUDENT CONCERNING TEXAS A&M UNIVERSITY STUDENT RECORDS POLICY

Annually, Texas A&M University informs students of the Family Educational Rights and Privacy Act of 1974. This Act, with which the University intends to comply fully, is intended to protect the privacy of education records, to establish the rights of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office of the Department of Education in Washington, D.C. concerning alleged failures by the University to comply with the Act.

Local policy explains in detail the procedures to be used by the University for compliance with the provisions of the Act. Copies of the policy can be obtained at the Office of the Registrar, located in Heaton Hall on the Texas A&M University campus.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar.

DIRECTORY INFORMATION

The Family Educational Rights and Privacy Act of 1974 permits a university to establish certain categories of information regarding students as "directory information," and to then disclose this information to third parties without the student's prior consent. However, prior to releasing directory information concerning a student, the University must have afforded the student the opportunity to indicate that he does not want directory information concerning himself released without his prior written permission.

Texas A&M University proposes to designate the following personally identifiable information contained in a student's education records as "directory information."

1. The student's name
2. The local address, home address including country, and the telephone numbers of the student
3. The date and place of birth of the student
4. The names and address of the student's parents
5. The student's major field of study
6. The student's class schedule
7. Participation in officially recognized activities and sports by the student
8. Weight and height of members of athletic teams
9. Dates of attendance, degrees and awards received
10. Previous educational agencies or institutions attended by the student
11. Sex, nationality, race and age of the student
12. The student's photograph
13. Achievement awards or honors
14. The student's class standing
15. Parking permit information

The University will release "directory information" to third parties unless the University receives timely, written objection to such release in accordance with the procedure herein described.

Students who wish to have "directory information" withheld must complete the appropriate form in the Registrar's Office by Friday, September 18, 1981. Students who have requested information withheld in the past must renew their request each year within the first three weeks of the fall semester.

The student must realize that approximately one month is needed to remove this information from materials already in circulation. However, the campus directory is printed only once a year, and after printing, no information can be removed.

The student is responsible for renewing this request each September, and the validity of the requests extends from the date of the request to the following September 1st.

3113

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