

# Smokestacks, Plant Important To Campus

One of the first things a person sees upon approaching the A&M campus is a pair of towering smokestacks which stand side by side against the horizon.

Some people have said that these stacks make the campus look like a prison. Others say it gives the campus an industrial atmosphere. Regardless, however, of the effect on individuals, the smokestacks of the campus power plant play an important part in campus activity.

The oldest smokestack, erected in 1918, rose 202 1/2 feet into the air before being shortened 12 feet in 1958. Its somewhat younger partner was erected in 1942 and stands at 210 feet high.

These smokestacks are used for releasing some of the air which is brought into boilers by large fans. The plant's boilers, which are responsible for heat to various buildings on the campus, require a certain amount of gas and air and too much air would smother the flame.

The power plant has been in existence since 1913, with the first building being located approximately where Bagley Hall is to-

day. The present building across from the A&M Press was constructed in 1917.

The first generators of the plant were driven by reciprocating engines, which were followed by a 375 kilowatt Westinghouse steam turbine unit. The oldest unit in the present plant was installed in 1930 and rated at 750 kw. Units of 1,000 kw., 3,000 kw. and 5,000 kw. bring the total generating capacity of the plant to 9,750 kw.

According to J. C. Redman, chief operating engineer of the plant, the oldest three boilers constructed in 1924 each produced 20,000 pounds of steam per hour. Since 1924 three other units have been added, two of which produce 100,000 pounds of steam per hour.

Originally, the boilers burned lignite coal which was brought from Rockdale, but these boilers were converted to burn natural gas in 1939.

John R. Lyon, accounting assistant for the plant, said the plant had operated its own water system until 1940, when it was disbanded because of an undesirable sulphur content in the water from wells located on the campus.

From 1940 until 1951 the plant purchased water from the city of Bryan before returning to the use of its own water from new wells located near Bryan Air Force Base. An additional well, added just this year, contributes 1,400 gallons per minute without the aid of a pump.

Water from the wells is pumped to nearby reservoirs of 50,000 and 500,000 gallons capacity. From

there the water goes to a 2,000,000-gallon reservoir located across the railroad track from campus.

The 2,000,000-gallon tank supplies the 155-foot water tower with its capacity of 154,000 gallons of water.

Utilities are furnished for various buildings on the campus including domestic hot water and heat for all the dormitories.

The heat system used by the power plant is hot water radiation, a method in which the temperature of the water is increased as the outside temperature decreases.

When the temperature drops below 63 degrees, workmen at the plant turn on the heat system, which radiates hot water to all the dormitories then returns it for re-heating.

Steam used at the plant serves a dual purpose—that of power to run the generators and that of heating dormitories.

Besides all this, the power plant provides an intriguing playground for those Aggies who like to seek adventure in the many steam tunnels around the campus.

# Army Plans Indoctrination For Personnel

WASHINGTON (AP) — Pentagon officials hope to have ready in a few weeks a new three-year program for indoctrinating U. S. troops on such matters as democracy, communism and citizenship.

It is expected to be in shape for hearings by a Senate Armed Services subcommittee on Defense Department policies in this field and related issues raised by critics such as Sen. Strom Thurmond, (D-S.C.) The hearings, which could be lengthy, are scheduled to begin Nov. 27.

From all indications, the new plan will not be a radical departure from the present armed forces information and education program.

Mainly, it will aim at a more coordinated use of films, pamphlets, military post and unit newspapers, and armed forces radio and television to get ideas across.

Planners said another important feature is that for the first time the information and education program will operate on more than a year-to-year basis, giving field commanders more lead time to draft their own local programs.

Officials acknowledged that local commanders will not be required to stay within the limits of the Pentagon-supplied material.

Thus, the new program will not of itself prevent repetition of the incident which recently led to Maj. Gen. Edward A. Walker resigning from the Army.

Walker had been relieved as commander of the 24th Infantry Division in Germany and handed an official rebuke. The Army said among other things, that Walker had tried to influence voting by his troops and their families in last year's congressional elections.

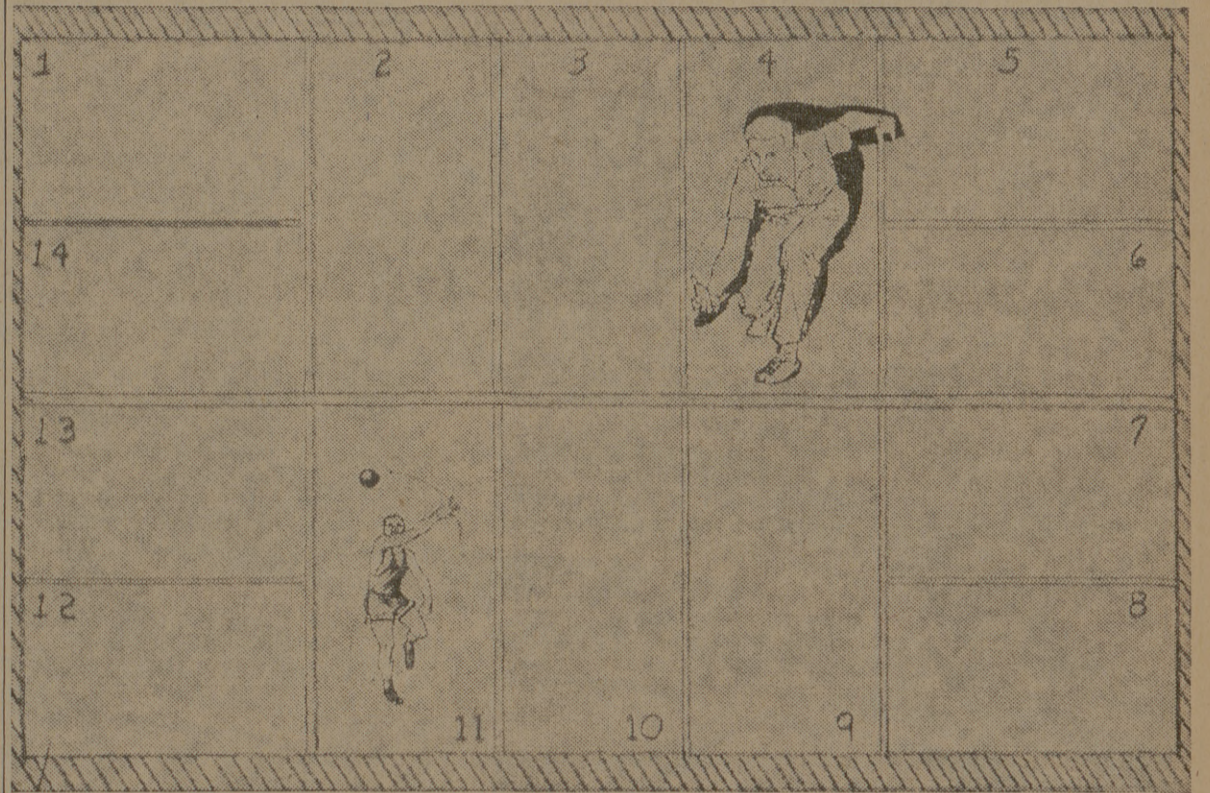
Defense officials said they hoped the new information program will provide firmer guidelines for local commanders. They noted there are other directives and regulations intended to bar officers from partisan political activity or from taking public positions against national policy.

The new program covering three fiscal years starting last July 1 is being fashioned under an order issued by Secretary of Defense Robert S. McNamara on Oct. 23.

### PERFECT DISGUISE

WILMINGTON, N. C. (AP)—Gov. Terry Sanford arrived for the permanent berthing of the battleship U S S North Carolina as a war memorial here wearing a Navy foul weather jacket and white sailor's hat.

"Get the blazes out of the way the governor's coming aboard this ship," an officer ordered, before he realized to whom he was speaking.



Handball Court Floor Plan

The new handball unit, now being planned for the "second floor" of DeWare Field House will have 14 regulation courts, laid out in the manner shown above. Each court will be ventilated mechanically, with the

partitions between courts acting as passageways for the air ducts. A walkway will allow easy access to any of the courts. Stairs will lead from the bottom floor to the court floor.

# Seminars Prove Successful For Vet Medicine Students

Each week, in the amphitheater of the Veterinary Hospital, seminars are being held on animal diseases and other important aspects of veterinary medicine for the benefit of junior and senior students of the school.

The large animal clinic seminar, held at 11 a. m. each Thursday, is under the direction of Dr. B. M. Cooley. On each Friday at 11 a. m. a similar program, under the direction of Dr. G. M. Gowing, is held for the small animal division.

Cooley explained that all juniors and seniors in the school have the 11 a.m. hour free each day and that the seminars are provided as a supplement to the Tuesday and Wednesday closed-circuit television programs on veterinary surgery available to the students at their free hour.

"What we are trying to do," he said, "is present as many diseases and conditions as possible to the junior and senior students."

A different program is provided at each seminar. Two to four men sit on the panel. One presents the clinical observations of the case, another may present the associated virology of the case and others discuss the aspects of pathology and treatment.

According to Cooley, the most important portion of each seminar is the question-and-answer session that follows the discussion of the

problem by the doctors. Often it is necessary to set aside one whole seminar period for a question-and-answer session involving the cases of two or three previous seminars.

In addition to cases common to Texas and the Southwest, discussions of other pertinent aspects of the profession are often treated. There may be a program involving a common disease or condition found in another area or some unusual case being experienced currently in the hospital. There are also seminars given on the business and ethical aspects of veterinary medicine.

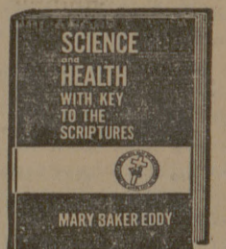
Although seminars of this type have been held occasionally in the past, this is the first year that the school has gone extensively into the programs. They have met with such enthusiasm and success, Cooley said, that there is no doubt that they will be continued in the future. He added that the school is seriously considering making the seminars part of the veterinary curriculum.

"The students have already covered the diseases in their formal classes. However, by having three or four individuals present their views on these particular diseases, the student is able to actually get a better idea of the importance of the diseases to Texas, the methods used in diagnosis, causes and transmission of the diseases, along with

the views of a pathologist," he explained.

"By wrapping up a disease or condition in this manner we feel that the student is able to get a better overall picture."

EVERY COLLEGE STUDENT needs this book



to increase his ability to learn

An understanding of the truth contained in Science and Health with Key to the Scriptures by Mary Baker Eddy can remove the pressure which concerns today's college student upon whom increasing demands are being made for academic excellence.

Christian Science calms fear and gives to the student the full assurance he needs in order to learn easily and to evaluate what he has learned. It teaches that God is man's Mind—his only Mind—from which emanates all the intelligence he needs, when and as he needs it.

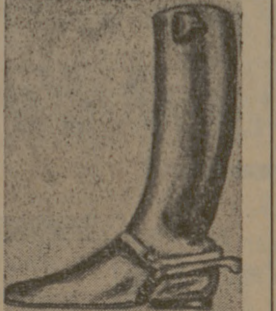
Science and Health, the textbook of Christian Science, may be read or examined, together with the Bible, in an atmosphere of quiet and peace, at any Christian Science Reading Room. Information about Science and Health may also be obtained on campus through the

Christian Science Organization at

The A&M College of Texas Box 393 College Station 7:30 p.m. Wednesdays Brooks Room YMCA

**"Sports Car Center"**  
Dealers for Renault-Peugeot & British Motor Cars  
Sales—Parts—Service  
"We Service All Foreign Cars"  
1416 Texas Ave. TA 2-4517

**AGGIES... DON'T DELAY!**  
Order Your Boots Now For Future Delivery - Small Payment Will Do  
**YOUR BOOTS MADE TO ORDER**  
Convenient Lay-Away Plan  
**ONLY \$55.00 A PAIR**  
Economy Shoe Repair & Boot Co.  
509 W. Commerce, San Antonio CA 3-0047



An invitation to shape your own future...



The challenge and the opportunity

General Telephone is the fastest-growing company in one of the highest-ranking growth industries—communications. Opportunities for personal growth within our organization are therefore exceptionally promising.

General Telephone has tripled its size in the last 10 years—expects to double its size again in the next decade. Such expansion within an explosive industry necessitates an increasingly competent management team.

For graduates ready to assume immediate respon-

sibilities in return for the opportunity to groom themselves for management positions, General Telephone offers unusual opportunities for personal advancement... and invites you to explore the possibilities.

Your Placement Director can supply you with a copy of our brochure outlining the management careers open to graduates majoring in Engineering, Mathematics, Physics, Business Administration, the Liberal Arts or the Social Sciences. Ask him for a copy of the brochure today.

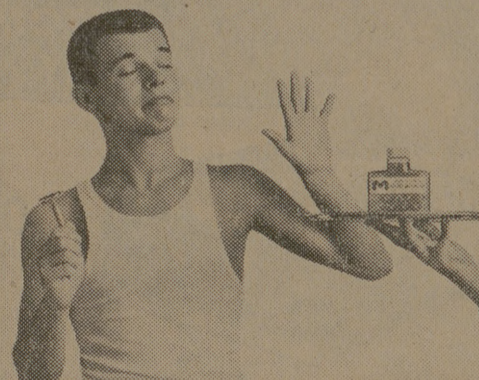
**GENERAL TELEPHONE**

America's Largest Independent Telephone System

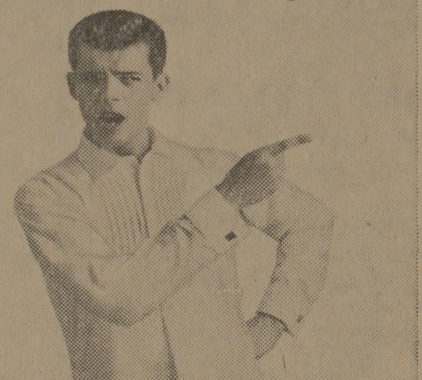


# "YOUR AFTER-SHAVE LOTION, SIR"

"Jason, you dolt! You know I use only Mennen Skin Bracer after-shave lotion."  
"Of course, sir. And this..."



"I've told you that Skin Bracer cools rather than burns. Because it's made with Menthol-Ice."  
"Quite, sir. And this..."  
"Besides, that crisp, long-lasting Bracer aroma has a fantastic effect on girls."



"Indeed so, sir. And..."  
"Tonight I need Skin Bracer. I'm going to the Prom. So take that stuff away and get me some Skin Bracer!"



"But sir, this is Skin Bracer. They've just changed the bottle. Shall I open it now, sir?"



\* ACTUALLY, YOU DON'T NEED A VALET TO APPRECIATE MENNEN SKIN BRACER. ALL YOU NEED IS A FACE!