es ffers more than nuclear degree

ge A&M reactor used in many ways

Naval Art Months are the measured that all deep are reactor does more than enable Naval Art M to offer the only nuclear engining in the eng degree in Texas. Since 1962, ten the reactor was opened, it has okesman en used for such functions as mak-on a gradioactive implants for cancer on a gradioactive implants for cancer eillance tients and providing evidence for

o comme nycting criminals.
c Orion when Walker, the reactor coormusk.
net west of the campus, says that of the 4xth has one of the four most powacted attack.

reports to halfon.

g the form Although the University of Ranh Lichigan, the University of isouri and MIT have similar reactense officers which operate at two, five and the statement of the sta been deplorated at two, five and been deplorated at two five at tw the more powerful reactors.

frough a process called irradiawhereby samples are exposed

eutrons, the nuclear science er radioactivates about 10,000 s of various materials a year,

mels of various district and other universities which have sophisticated equipment, gov-ment agencies and private cor-ations, he said.

Immorg those groups the center done work for are M. D. Ander-Tumor Institute, NASA and Ex-

19 person es and two-The reactor has been used for sources in the reactor has been used for moving a groups in making radioactive moving a grains for implants, irradiating the covered dust for analysis and studying nunched to the moving author to the studying nunched to the studying author to the study

built 13 ke profits, he said, it is able to n the arction partially self-sufficient.
cks by the ord-of-mouth advertising, he house, the is largely responsible for prothe work the center does. ong the commercial projects

eactor has done is irradiating r samples. By comparing two ples of hair after irradiation, lker said, nuclear engineers can emine whether or not the hairs m the same person.

YEAH, IT'S KINDA HARD TO GET A DATE, BUT....



This type of detective work, through the combined efforts of nu-

clear science center director John

Randall and several district attor-

neys, has resulted in several convic-

tions and one acquittal, Walker said.

The reactor has also been used in tracing bullet fragments back to

their name brand and tracing Indian

pottery remains back to the area in

which they were made, Walker said. Such distinctions can be made by comparing the radiation levels in the objects after they have been ir-

The nuclear science center is also

equipped to perform neutron radiography - a type of photography that highlights lightweight objects,

Walker said. Since X-rays miss ob-

walker said. Since X-rays miss objects made from wax, paper, rubber, plastics and water, which neutron radiography highlights, the nuclear science center is able to conduct studies for several industrial firms, said director John Randall.

Walker said the personnel at the center make sure the reactor is safe.

center make sure the reactor is safe The core of the reactor is suspended in 33 feet of water, which acts as a coolant and a shield, he said. Since

radiated, he said.

NOBODY BOTHERS ME IN BARS!

particles in water can become in - not out. If any air were contaminated, this precaution would keep it inside the building. However, raditank are kept pure.

when doors are opened, air rushes periodically examines the reactor's

Walker also said the air pressure in the building is regulated so that when doors are opened air and walker said that the government of the building is regulated so that when doors are opened air and walker said that the government of the building. However, radiation levels are kept "as low as reasonably achievable," he said.

pose fines on the university if they found the equipment unsafe

The reactor is equipped so that any occurrence out of the ordinary will cause the reactor to shut down automatically. This makes the reactor "student proof," Walker said. "We've never had any problem with people being exposed to radiation."

Much training is done at the nu-clear science center, both in con-junction with A&M and independent of it, Walker said. Two crews for the N.S. Savannah, the first atomic-powered merchant ship, were trained at the center.

A&M offers two degrees which rely on A&M's nuclear equipment; nuclear engineering and radiation protection engineering, said Liz Nealin, one of about 60 senior nuclear engineering majors.

Part of the curriculum for senior nuclear engineering students, Nealin said, is the utilization of a smaller reactor in the basement of Zachry. There the students conduct Walker said that the government experiments and learn to operate

PLITT Southern Theatres UNIVERSITY SQUARE SHOPPING CENTER 846-6714 & 846-1151 CORNER OF UNIVERSITY & COLLEGE - COLLEGE STATION CINEMA The FIRST Certified CINEMA BARBRA STREISAND Adult DAILY **Crazy Person's** 3.50 1:30 Child 3:30 PETER Comedy. ALAN 5:30 FALK ARKIN 7:30 Daily PETER FALK · ALAN ARKIN in An ARTHUR HILLER Film "THE IN-LAWS" Music by JOHN MORRIS · Executive Producer ALAN ARKIN Written by ANDREW BERGMAN Produced by ARTHUR HILLER and WILLIAM SACKHEIM Directed by ARTHUR HILLER TECHNICOLOR® 1:25 3.50 3:30 Child 5:35 PG 7:45 9:50

breign Bugar substitute an is reviewed

ok at cyclamate, which was ban- 1981. a decade ago as a suspected cer causer, saying the agency

lentific points before it can decide the ban is warranted. major producer of cyclamate. tt Laboratories, has been urghe government for years to lamate ban in place.

vith a V

D!

nd..

r.V.,

001

and

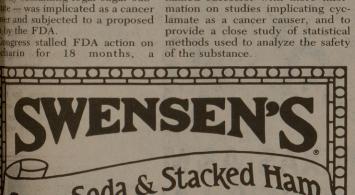
United Press International moratorium which expired last ASHINGTON — With Conmonth. The House Commerce month. The House Commerce Committee Tuesday approved legislation that would keep saccharin legal for at least another two years.

The legislation, which still needs both House and Senate action, would prevent the FDA from ban-

DA Commissioner Donald would prevent the FDA from bannedy Tuesday ordered a new ning saccharin until at least June 30,

Kennedy ordered an administramore information on specific at the cyclamate question. The judge, who presided over a lengthy hearing on the subject, recomhearing on the subject, recom-mended to the FDA commissioner last October that he leave the cyc-

prove the sweetener. The pres-on FDA has become more in-at the end of this month — asked since 1977 when saccharin—the judge to provide his as-yet unally remaining legal sugar subnamed successor with more inforprovide a close study of statistical



Super Soda & Stacked Ham OKOKOKOKO Only 299 \$3.85 value Slices of lean ham, swiss cheese, tomato, and lettuce stack up into one great sandwich. Served

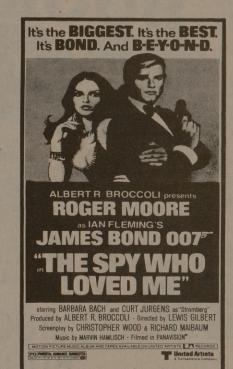
with an old fashioned super soda in

Swensen's Ice Cream Factory Culpepper Plaza - College Station Sunday at noon

OKOKOHOHOHOKOKOKOKOKOKOKOKO

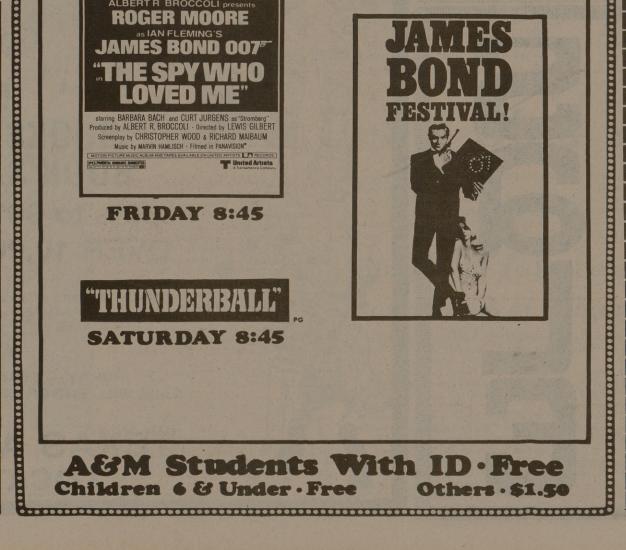
your choice of famous flavors.

••••••••••••••



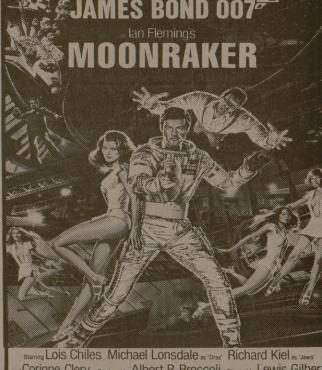
LIVE AND, **LET DIE**

FRIDAY MIDNIGHT



MANOR EAST

Where all the other Bonds end... this one begins! **ROGER MOORE** ≸JAMES BOND 007⁵



nd Corinne Clery Produced by Albert R. Broccoli Directed by Lewis Gilbert Screenplay by Christopher Wood Music by John Barry Lyrics by Hal David Production Designed by Ken Adam Executive Producer Michael G. Wilson Associate Producer William P. Cartlidge Filmed in Par

ORIGINAL MOTION PICTURE SOUNDTRACK ON UNITED ARTISTS RECORDS AND TAPES

PG PARENTAL GUIDANCE SUGGESTED SOME MATERIAL MAY NOT BE SUITABLE FOR CHILDREN Title Song Performed by Shirley Bassey

DOLBY STEREO

2:35-4:55-7:30-9:55

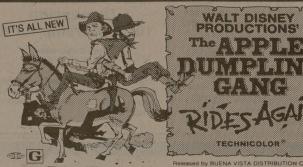


ROBERT CHARTOFF-IRWIN WINKLER SYLVESTER STALLONE "ROCKY II" TALIA SHIRE BURT YOUNG CARL WEATHERS AND BURGESS MEREDITH AS BILL CONTI BILL BUTLER ASC IRWIN WINKLER AND ROBERT CHARTOFF DOUBY STEREO SYLVESTER STALLONE PG PARENTAL GUIDANCE SUGGESTED -25

ORIGINAL MOTION PICTURE SOUNDTRACK ON UNITED ARTISTS RECORDS AND TAPES

THE UNITED ARTISTS RECORDS AND TAPES

A Transamerica Company



 4:55 7:20 9:45

4:15

5:55

7:45

9:35

SKYWAY TWIN WEST

IT JUST AIN'T SUMMER WITHOUT BURT **BURT REYNOLDS** IN HOOPER

PLUS GATOR **VAN NUYS BOULEVARD**

> PLUS THE VAN CAMPUS

