lew grain elevator holds less, safer

USTON - At 260 feet in and a capacity of 6.4 millon next Monday. o years ago — killing nine s safer, company officials say. nk it's as safe as an elevator ade," said Truitt Kennedy, sture's executive vice presif the new structure with

afety features. dy notes that although the vator's storage capacity is 2 000 bushels per eight hours with greater safety. He dedisclose how many millions

strike delays of grain ship- from a building 200 feet away.

ments, the new elevator should load its first ocean-going ship on or about

and a capacity of o.t., the new Goodpasture, Inc., the new Goodpasture than its provide the claims and a struggle to provide substitute service at other elevators, and a capacity of o.t. After months of lawsuits, damage claims and a struggle to provide substitute service at other elevators, and a capacity of o.t. After months of lawsuits, damage claims and a capacity of o.t. After months of lawsuits, damage claims and a struggle to provide substitute service at other claims. Kennedy said he is relieved to be moving into the new facility.

"If you struggle and try to keep a business alive for two and a half years without having your main fac-tory available and finally you get this lace to where it will run again, you feel greatly relieved," he said.

bushels less, it can transfer mucks and railroad cars and not worry about how you're going to get your grain transferred." going to get your grain transferred."

The elevator is fully automated

and equipped with television cameras and sensing devices so that no personnel need be inside while it said that barring extended is operating. Control is remote,

The fact that we have eliminated firefighting sprinkler system. the human element inside the elevator adds substantially to the safety," said Kennedy, although whether Federal Grain Inspection Service will require inside personnel remains under negotiation.

Kennedy said seven television cameras inside provide a full view of the operation on control house monitors. Thirty-five dust collectors work against accumulation of vol-

Sensing devices, measuring electrical load on wires and motors and conveyor belt pulley stress, can shut down the elevator automatically.

Wires and switches are antispark. Equipment inside is bolted together so no welders or torch cutters will be required for repairs. elevator also has an interior

Still, Kennedy, hesitates at saying

absolutely nothing can go wrong The facility began unloading trucks in mid-September and railroad cars this week. It now contains about 400,000 bushels of grain

about one-fifteenth of its capacity Kennedy said the gradual start is due to the need to fine tune the facility. He said conveyor belts aligned and tuned while empty often need adjustments for full-load, fullspeed operation



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Grain elevator explosion opic of growing concern

erts assembled by the Texas ural Extension Service will s grain elevator safety at urse sessions scheduled 5-16 in College Station and

title of the two-day course is es and Prevention of Grain or Fires and Explosions.

despite intensified research that followed several major explosions.

grain dust explosions has been gen- son.

Dr. Gary Nelson, who put to- erated in the last couple of years and gether the programs, said they are aimed at closing a knowledge gap that has arisen in the past few years down to the mill (or elevator) level," Nelson said.

"That's what we're here for. We are a go-between for the researchers "Much of what we know about and the general public," said Nel-

hoto by Ste Tracing center gains esearch importance

e most people, the Center race Characterization at Texas University affects lives almost in a positive way

ey see

is one of the few laboratories in world where elements can be e onstag wning fa ured in amounts less than one per billion. Such day-to-day uitar-pic

t contributions in development locket calculators and digital thes by measuring the purity of an knock to play a stals for major electronics manrers, says director Emile

have collaborated with some large energy companies in ring methods of converting o gas and liquid fuels and

one of the few laboratories world where elements can isured in amounts of less one part per billion, offiat the center say.

the dramatic rise in the price of the body's state, including ded, individuals and corporations ficiencies and excesses of chemicals.

determine if mining is feasible. Trace characterization, the measurement of minute quantities of different elements in a given amount of material, has been a rapidly growing

at lenses have been tested been a rapidly growing to pass federal safety technique both in industrial and scientific quarters, director Emile Schweikert says.

> technique both in industrial and scientific quarters, Schweikert says. More than 70 research groups on the Texas A&M campus, represent-

ing most of its 11 academic colleges, make use of the center's facilities, unique in the Southwest and one of ng the efficiency of these pro- a handful in the United States. In addition the labs have aided in

> as measuring amounts of selenium in egg whites and quantities of carcino in mother's milk of animals. One of the projects involves

> public health research in ways such

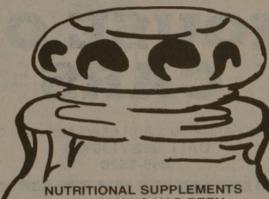
human hair as a means of telling a person's state of health. The body deposits chemi center has even replaced the traces in each hair as it grows, so the strand becomes a day-by-day ledger

chemicals are deposited to obtain a readout by plucking the hair from the head, irradiating the sample and scanning its length with sophisticated equipment. Such research holds tremendous potential for med-

Irradiation of the samples can be done on campus, either at the Texas A&M cyclotron or at the Nuclear Science Center.

ical treatment.

The Trace Characterization center, which annually conducts a week-long short course in advanced techniques that attracts people from across the United States, is supported by state appropriations in-cluding Organized Research, federal and private grants and con-



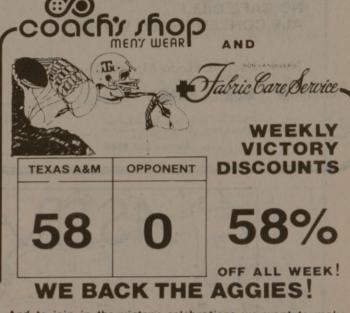
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