

# The Midland Reporter-Telegram

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4 SECTIONS, 36 PAGES

## METRO EDITION

### NEWS IN BRIEF

#### Embassy attacked

BEIRUT, Lebanon (AP) — Unidentified attackers blasted the U.S. Embassy in Beirut with two rocket-propelled grenades today, but no one was injured, authorities reported.

The attack came just a day after renewed threats by Palestinian guerrillas to attack "American interests" because the United States helped bring about the peace treaty between Israel and Egypt.

Embassy and police officials said two men fired the rockets from about 150 yards away then sped away in an automobile. One exploded before hitting the building, but the other smashed through a second-floor window and exploded inside an empty office, an embassy official said.

"We were very fortunate no one was in the room at the time," said the official, who asked not to be identified.

#### Power restored

BOSTON (AP) — Power was restored today to about 60,000 residents of Boston's fashionable Back Bay who lost electricity for eight hours after a chain reaction of manhole fires and explosions.

During the night, the entire neighborhood was blacked out from Kenmore Square to Charles Street, which borders downtown. Boston Edison Co. cut power at 10:50 p.m. Sunday and had it completely restored at 6:52 a.m. today.

Boston Edison said the trouble began about 1 p.m. Sunday when a manhole exploded at the corner of Dartmouth and Boylston streets. The fire destroyed four direct current cables dating from World War II.

#### Warrant unneeded

MONTGOMERY, Ala. (AP) — It has been customary for the governor to issue a death warrant when a condemned prisoner is electrocuted in Alabama. But Gov. Fob James' office says he does not plan to do it.

Press secretary Jon Ham said today James has been told by his legal adviser there is nothing in the law which requires a certificate from the governor after a court has set the execution date.

The state Supreme Court has ordered John Louis Evans III of Beaumont, Texas, put to death in the electric chair at Holman Prison on Friday for the killing of a pawnshop owner in Mobile.

Because that date has not been changed since it was fixed by the court, Ham said the legal adviser has told the governor no further warrant is necessary.

#### Appeal denied

WASHINGTON (AP) — The Supreme Court today refused to hear the appeal of a convicted murderer sentenced to die in Georgia's electric chair.

The justices left Jerry Banks' conviction intact despite his arguments that state courts were wrong not to consider whether he had been denied effective legal help.

Banks was twice convicted in the shotgun killings of Marvin King and Melanie Hartsfield, whose bodies were found in a wooded area of Henry County, Ga., in late 1974.

Banks was first convicted and sentenced to death on Jan. 31, 1975. A new trial was ordered by the Georgia Supreme Court, however, when a new defense witness was located. Banks was convicted again on Nov. 18, 1975.

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### Weather

Generally fair through Tuesday. High Tuesday in the mid-60s. Details on Page 2A.

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## Authorities refine evacuation plan

HARRISBURG, Pa. (AP) — Pennsylvania authorities sharpened contingency plans for an evacuation unprecedented in scope — a city, four counties, nearly a million people — as a precaution against radiation catastrophe.

Whether such a logistical nightmare would become reality hinged on events at the crippled Three Mile Island nuclear power plant, where engineers worked to cool an overheated reactor. But there were increasing indications — including a strong hint

from President Carter — that a partial evacuation would be ordered within days.

One local civil defense official, asking not to be identified, said he expected Gov. Dick Thornburgh to order a precautionary evacuation of all people from areas within a five-mile radius of the Susquehanna River facility within the next day or so.

Pregnant women and pre-school children — two groups particularly vulnerable to radiation — living within that area have been urged to

leave. The population of that area is about 25,000 people, but many — no one knows how many — have already left. Dauphin County officials estimated that as many as 50,000 people throughout the region have moved away temporarily.

Carter, after visiting Three Mile Island Sunday with Thornburgh, said any order to evacuate "will not indicate that danger is high," but would be purely precautionary as technicians applied new, untested methods

to end the crisis at the nuclear plant.

Officials stepped up their preparations in Dauphin County, which includes Harrisburg and the nuclear plant, as well as in neighboring York, Lancaster and Cumberland counties. While most planning was at the local level, state authorities were coordinating the effort and Thornburgh was to officially announce any decision to evacuate.

Civil defense officials in Harrisburg awaited word from Conrail on a request for rail equipment, but evacua-

tion plans depended mainly on the area's network of interstate highways to evacuate masses of people in buses and private vehicles.

State authorities considered an option to close off the Pennsylvania Turnpike and other major arteries, to keep routine traffic from impeding the evacuation.

Shopping malls, schools and other facilities outside the evacuation area were being designated as temporary relocation centers, stocked with food and other supplies for a few days.



English guitarist Eric Clapton performs Sunday night before a crowd at the Chaparral Center at Midland College. Clapton, a guitarist from the "supergroup" era of the 60s, received a number of standing ovations. Related photograph, Page 2A. (Staff Photo by Brian Hendershot)

## Commitment to peace confirmed by Cairo trip

CAIRO, Egypt (AP) — Israeli Prime Minister Menachem Begin arrived in Cairo today for a low-key welcome as Arab foes of his peace treaty with President Anwar Sadat begin punishing Egypt.

Begin said he was making the first visit to the Egyptian capital by an Israeli prime minister "to open my heart to every man, woman and child in Egypt" and convince them the Jewish nation wants lasting peace after four wars with the Arabs. He also hopes the visit will help persuade Israeli opponents of the treaty that Egypt and Israel really are at peace.

But press and public were opposed

to Begin himself, and it was certain he would not receive the enthusiastic welcome the Israelis gave Sadat on his historic visit to Jerusalem in November 1977.

Said Abdel Moneim Taher, an engineering student: "From the day I was born I have been brought up to distrust Begin — his terrorist background, his high and mighty ways. I shall not cheer or clap for him, you can be sure. But I might go out on the street to try and see him in the flesh."

"Begin is everything repulsive," said a retired accountant, Badie Saliba. "He is arrogant, impolite, tricky, always looking for a way to hurt our

pride."

President Carter is believed to have urged the trip as a means of arousing support for the peace treaty, and Sadat's aides say he felt obliged to invite the Israeli leader in return for the warm welcome the Israelis gave him.

During his 30-hour visit, Begin had hoped to ride through Cairo between rows of Israeli flags, to be cheered by crowds and to address the Egyptian Parliament. But there was no official effort to bring out crowds and Israeli flags flew only at the airport and at the palace where he was to stay. He will not address Parliament or hold a joint news conference with Sadat and there were no plans for live television coverage.

His schedule was confined to the essentials for a visiting prime minister: placing a wreath on the Tomb of the Unknown Soldier, visiting the Pyramids and the Egyptian Museum, a state dinner with Sadat and a conference with him Tuesday.

Meanwhile, Arab ambassadors began leaving Cairo in response to the agreement by 18 Arab nations in Baghdad Saturday to cut all diplomatic and economic ties with Egypt because Sadat signed the peace treaty.

The ambassadors of Saudi Arabia, Tunisia, Kuwait, Jordan and Bahrain left Sunday, and those of Qatar and the United Arab Emirates were leaving today before Begin's arrival.

## Reactor's final cool-down set

HARRISBURG, Pa. (AP) — A company official at the Three Mile Island nuclear power plant said today that a dangerous gas bubble inside the reactor has shrunk to less than one-tenth its former size. He also said no radioactive gases were being emitted and the reactor was being prepared for a final cool-down.

A spokesman for the Nuclear Regulatory Commission, Joe Fouchard, said when asked to comment on the report: "There is some encouraging sign on the bubble size." But he would not elaborate.

NRC and Metropolitan Edison utility officials were to meet this morning to discuss the cool-down operation.

Spokesman George Troffer of Metropolitan Edison told The Associated Press that as of 4 a.m., the bubble was measured at 210 cubic feet. He said that at 6 a.m. it was down to 190 cubic feet and at 9:45 a.m. it was 47 cubic feet. At one point Troffer told The AP the bubble was "gone," but he later acknowledged it still existed.

Measurements were likely to continue to fluctuate, acknowledged Troffer, but he noted the marked difference from the levels of recent days. The average recently has been about 600 cubic feet.

"There are no problems left. We're not emitting any radioactive gases,"

"There are no problems left. We're not emitting any radioactive gases," a Three Mile Island power plant spokesman said. "The reactor is completely stable and ready for the final cool-down."

"From all things we know, we're not facing any melt-down — if we ever did," he said.

Troffer said.

Troffer issued his statement even though on Sunday, John Harrington, another utility spokesman, said the company was told by the White House "that all releases would be given out by the NRC."

Troffer said "the reactor is completely stable and ready for the final cool-down."

"From all things we know, we're not facing any melt-down — if we ever did," said Troffer.

Meanwhile, officials firmed up contingency plans for a precautionary evacuation of about a million residents.

Schools remained closed and the governor extended his advisory that pre-school children and pregnant women and young children keep their distance. Civil Defense officials estimated that 50,000 persons have left the area.

State government was open as usual, but the governor said there would be generous leaves granted for "absentees."

As a cold drizzle fell this morning, the atmosphere in downtown Harrisburg was one of quiet and anticipation.

Earlier, a spokesman for the utility that runs Three Mile Island said the bubble, made up of hydrogen and oxygen from chemical decomposition inside the reactor core, was measured at about 400 cubic feet. In the five days since the plant was disabled by a cooling system failure, the bubble has swelled as high as 1,800 cubic feet. In recent days, it averaged 600 feet.

The bubble was being bled slowly by letting the gas dissolve in the constantly circulating cooling water and then allowing it to escape from the water outside the reactor.

Scientists were concerned that oxygen would mix with the hydrogen in flammable proportions, inside the reactor dome. Also, there was a danger of increasing the hydrogen concentration in the outer containment building, prompting a possible explosion and the subsequent release of radiation.

If the bubble kept growing inside the reactor vessel, it could expose the uranium core — a remote chance that could trigger the worst possible catastrophe, a melt-down. In a melt-down, the core melts, burns through the reactor vessel and sinks into the ground, releasing much radioactivity. At its worst, a melt-down would contaminate thousands of square miles with radiation.

While the risky work continued at the island on the Susquehanna River, officials worked on precautionary evacuation plans covering a million residents in four surrounding counties.

"We are in a position now that we can respond to any foreseeable change. We must be prepared to roll with the punch when — and if — the situation changes for the worse," said Thornburgh, who visited the plant with President Carter and his wife, Rosalynn, on Sunday.

Carter, wearing a badge to measure radiation and plastic bags over his shoes to protect against any possibly contaminated dust, spent about 10 minutes inside the control room.

Carter, who was trained in nuclear physics in the Navy, later spoke at a town hall in nearby Middletown. Hundreds lined the streets and cheered when he arrived. He said the safety of citizens was paramount and an evacuation would be "strictly a precautionary measure."

Related stories, Page 3A

## Midland youth pleads guilty to rape charge

A Midland youth charged with rape today pleaded guilty to the offense and was sentenced to 10 years probation, with special conditions.

Glenn Bryce Billingsley, who was 16 at the time of the crime, entered his plea in connection with the June 24, 1977, rape of a Midland woman in her home.

Billingsley was certified to stand trial as an adult, but until recently the certification was on appeal. An El Paso appeals court upheld the transfer of jurisdiction from juvenile to district court.

District Attorney Vern Martin said as a condition of probation Billingsley will have to remain in the care and custody of Discovery Land Inc. in Bryan.

The youth has been at the center,

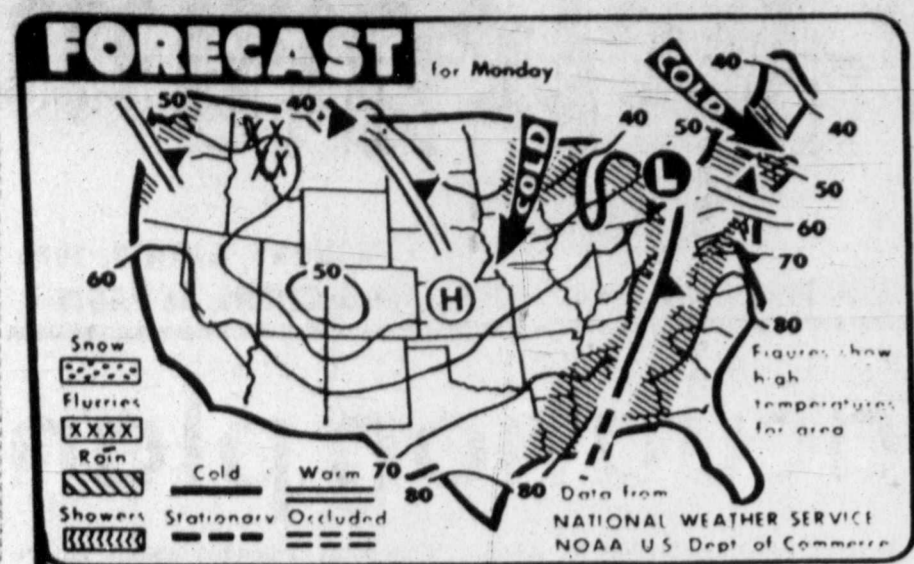
which provides treatment and 24-hour-a-day supervision, since shortly after he was charged with the crime, Martin said.

The district attorney said the reports received from the treatment center have been more and more hopeful and psychiatrists there now are "very, very hopeful" Billingsley will respond to the treatment enough to be returned to society eventually.

Martin said Billingsley will have to remain in the treatment program, which includes a halfway house, after he leaves the 24-hour supervised facility, until the director or her successor certifies to the court that the treatment program has been successful.

The victim is in agreement with the resolution of the case, but was willing to testify if the case had gone to trial, Martin said.

WEATHER SUMMARY



The National Weather Service forecast for today includes rain for the far Pacific Northwest, the Great Lakes region and along a frontal system extending from the Gulf Coast northeast through the Virginias into New England.

Midland statistics

MIDLAND ODESSA, BIG LAKE, BANKIN GARDEN CITY FORECAST: Generally fair through Tuesday. Cooler Tuesday, colder tonight. High Tuesday in the mid-60s. Low tonight in the upper 30s.

The weather elsewhere

Table listing weather conditions for various cities including Albany, Albuquerque, Amarillo, Anchorage, Asheville, Atlanta, Baltimore, Birmingham, Bismarck, Boise, Boston, Buffalo, Butte, Charlotte, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Denver, Des Moines, Detroit, Duluth, Fairbanks, Hartford, Helena, Honolulu, Houston, Indianapolis, Jacksonville, Juneau, Kansas City, Las Vegas, Little Rock, Los Angeles, Louisville, Miami, Milwaukee, Minneapolis, Nashville, New York, Norfolk, Omaha, Oklahoma City, Orlando, Philadelphia, Phoenix, Pittsburgh, Portland, Rapid City, Reno, Richmond, St. Louis, Salt Lake City, San Diego, San Francisco, Seattle, Springfield, St. Paul, Tampa, Tulsa, and Washington.

NATIONAL WEATHER SERVICE READINGS: Yesterday's High, Overnight Low, Sunrise, Sunset, Precipitation, etc.

TEXAS THERMOMETER: High and Low temperatures for various Texas cities like Abilene, Alice, Alpine, Amarillo, Austin, Beaumont, Brownsville, Childress, College Station, Corpus Christi, Dallas, Dalhart, Del Rio, El Paso, Fort Worth, Galveston, Houston, Junction, Longview, Lubbock, Lufkin, Marfa, Midland, Mineral Wells, Odessa, Palacios, Pecos, San Angelo, San Antonio, Sherman, Texarkana, Tyler, Victoria, Waco, Wichita Falls, and Wink.

TEXAS AREA FORECASTS: West Texas, North Texas, South Texas, and Upper Coast forecasts.

BORDER STATES FORECASTS: Oklahoma, New Mexico, and Texas forecasts.

Khomeini claims unanimous approval in republic vote

TEHRAN, Iran (AP) — Ayatollah Ruhollah Khomeini claimed unanimous approval in the two-day referendum on his plan to make Iran an Islamic republic, but his revolutionary regime admitted one ethnic minority was still fighting in the northeast and trouble was brewing with another in the south.

Supreme Court backs operators of cable television

WASHINGTON (AP) — The Supreme Court ruled 6 to 3 today that the government cannot require cable television operators to set aside channels for public access.

35 die in separate fatal fires

By The Associated Press. At least 35 people, most of them elderly, died in fires that raged through a nursing home in Missouri and a boarding house in Pennsylvania.



Belting out "the blues" Sunday night at Midland College's Chaparral Center is veteran performer Muddy Waters, who was unanimously called back for an encore.

Trucking industry orders lockout in dispute with Teamsters union

WASHINGTON (AP) — Trucking executives are ordering an industry-wide lockout in an escalating dispute with the Teamsters union over a contract that involves President Carter's anti-inflation guidelines.

Labor Department officials met with hours of industry's announcement to plan what steps, if any, the administration would take.

ALTHOUGH ESTIMATES of the impact on the economy vary substantially, industry executives have predicted that product shortages and manufacturing plant shutdowns would begin within a week.

THE WHITE HOUSE, which has been watching the negotiations closely, declined comment.

Trucking companies. In a lockout, employers refuse to allow their employees to work. Labor Department officials met with hours of industry's announcement to plan what steps, if any, the administration would take.

He said federal mediators will continue to work with the two sides "and we remain hopeful that a settlement will be negotiated soon."

THE UNION CHARGED in a statement today that the industry ordered a lockout because it "is intent upon creating a crisis in order to pressure the administration into seeking a Taft-Hartley (back-to-work) injunction."

THE TEAMSTERS, which has been watching the negotiations closely, declined comment.

order in the event of a shutdown. The industry said it ordered the lockout "in defense against the strike," which it blamed on union demands for a contract exceeding the administration's 7 percent wage standard.

IN THE 15 YEARS that the Teamsters have negotiated national trucking contracts, there has been one prior strike, a three-day walkout in 1976.

UNION PRESIDENT Frank Fitzsimmons, ordering the walkouts late Saturday night, said "high-level government bureaucrats played no small role" in his decision.

Presumably, the industry's decision to counter with a lockout would make it easier for the administration to obtain such an order, since a nationwide shutdown would involve greater economic disruption than selective strikes.



Union drivers keep warm as they huddle near a fire on the picket line outside the Roadway Express terminal in Milwaukee, Wis., Sunday afternoon.

The Teamsters union ordered "selective strikes" against the trucking industry following the collapse of contract talks.

Mennonites' land to be auctioned off

SEMINOLE — The land the colony of Mennonites here had envisioned as a self-sufficient community spread over 6,400 acres of farm and ranch land will be auctioned off between 10 a.m. and 4 p.m. Tuesday at the Gaines County Courthouse.

The corporate board of the Old Colony Mennonite Church had set up two years ago to make installment payments on the land valued at \$1.8 million defaulted on a \$230,000 payment due Feb. 15.

Landowner-rancher Dennis Nix, who sold the old 10-section 70 Ranch spread to the colony, and Lamesa National Bank foreclosed on the note and demanded full payment of the \$1.3 million still due.

Members of the 125-family religious sect here had paid \$575,000 toward the purchase, but fell short of cash when the payoff in crops and cattle did not meet their expectations.

Most of the Mennonites have long since left the land, and the men have found jobs in or around Seminole. At present, they are awaiting passage of a private bill to give them legal status in this country.

At Tuesday's auction, Dennis Nix likely will try to regain his former land, although it will go to the highest bidder, said Lamesa attorney Ed Fulbright, who is representing Dennis.

Mini-twisters do damage in Arkansas

Monte Sheppard first heard loud wind gusts and a whirling noise coming from outside his house in Texarkana, Ark.

As he was walking to the back of the house, away from the loud noise that shook its foundation, the front porch was ripped away.

Police in the Poinsett County community of Lepanto reported a tornado on the ground early in the afternoon and a funnel cloud was observed approaching Jonesboro, the weather service said.

Heavy rains late Saturday and early Sunday caused flash flooding in some parts of the state. Rainfall totals Saturday night ranged from one inch upward to four inches recorded at Blakely Dam on Lake Ouachita, the weather service said.

High water in the Craighead County community of Bono forced the evacuation of at least seven families. Authorities said more Bono residents might be evacuated if rains continued.

A spokesman for the Red Cross said the families were moved to motels in the area. The Red Cross set up an emergency relief canteen for emergency workers and residents in Bono, and advised persons living in low areas near rivers and streams to take necessary precautions or move to higher ground.

Advertisement for The Midland Reporter-Telegram, including subscription rates and home delivery information.



DEATHS

Maude Giddens

LEVELLAND — Services for Maude Gillian Giddens, 87, of Lubbock and formerly of Sundown, mother of Mrs. Burl Hendrix of Crane, were to be at 2 p.m. today in the George C. Price Funeral Home. Officiating was to be the Rev. Lawrence Correu, pastor of the First Presbyterian Church of Ballinger. Burial was to be in City of Levelland Cemetery. Mrs. Giddens died Friday in a Lubbock nursing home after a lengthy illness. She moved to Sundown in 1945 from Rochester. She and her husband operated Giddens Drug in Sundown. He died in 1951. She was a member of the First United Methodist Church. Other survivors include five sons, three daughters, 27 grandchildren and 47 great-grandchildren.

Maxine Summers

LAMESA — Services for Maxine Summers, 61, of Lamesa were to be at 11 a.m. today in the Downtown Church of Christ with Bob Cheatham, minister, officiating assisted by the Rev. C.G. Grigg of the Crestview Baptist Church of Lamesa. Burial was to be in Lamesa Memorial Park directed by Branon Funeral Home. Mrs. Summers died Friday in a Lamesa hospital after a brief illness. She was married to John W. Summers May 11, 1935, in Portales, N.M. He died in 1968. She had lived here 10 years and was a life-long member of the Church of Christ. Survivors include two sons, Malvern Summers of Lamesa and John Summers of Odessa; two daughters, Mary Nichols of Apache Junction, Ariz., and Mrs. Jimmie Carey of Harlingen; three sisters, Viola Cox of Monahan, Lilly Bryan of Albuquerque, N.M., and Betty Porter of Tularosa, N.M.; 12 grandchildren and three great-grandchildren.

Bessie Powell

BIG SPRING — Services for Mrs. Ulner G. (Bessie) Powell, 72, of Big Spring were to be at 3:30 p.m. today in Nalley-Pickle Funeral Home. Burial was to be in Mount Olive Memorial Park. Mrs. Powell died Friday in a Big Spring hospital. She was born April 10, 1906, in Llano County. She was an Avon salesperson in the Big Spring area for 25 years before retiring recently. She was married to Ulner G. "Skinny" Powell Aug. 26, 1923, in Colorado City. He died Feb. 4, 1976. She moved to Howard County in 1912. She was a member of the 14th and Birdwell Church of Christ. Survivors include a son, U.G. Powell Jr. of San Diego, Calif.; five daughters, Mrs. Cecil (Joyce) Richardson of Big Spring, Alva Hartwell and Doris Owen of West Covina, Calif., Mrs. Gary (Becky) Tompkins of Thompson Falls, Mont., and Mrs. Gene (Sharon) Wylie of Oakland, Tenn.; a brother, Ernest Carroll of Traver, Calif.; a sister, Ethel Hearn of Corpus Christi, 17 grandchildren and 10 great-grandchildren.

Roger C. Long

BIG SPRING — Services for Roger Christopher Long, 8, grandson of Mrs. F.P. Hickson of Big Spring, were to be at 2 p.m. today in the Sandy Spring United Methodist Church in Sandy Spring, Ga. Graveside services will be at 2 p.m. Wednesday in Trinity Memorial Park in Big Spring directed by Nalley-Pickle Funeral Home. He died Saturday in Marietta, Ga., after a car-pedestrian accident. He was born Nov. 29, 1972, in Texas. He was a first grader and active in sports and music. His family attended Sandy Spring United Methodist Church. Other survivors include his parents, Mr. and Mrs. Howard A. Long of Marietta, Ga., a brother and his paternal grandparents.

Confucius' birthplace reopened

TOKYO (AP) — The birthplace of the Chinese philosopher Confucius was opened to foreigners Sunday after restoration of relics "seriously damaged" on orders of the radical "Gang of Four," China's Xinhua (Hsin-hua) news agency reported.

The shrine at Qufu (Chufu), in Shandong (Shantung) Province, was restored, Xinhua said, under the policy of "clearly distinguishing between appraisal of historical figures and the preservation of historical relics."

But the agency made clear that Confucianism, which guided China for more than 2,000 years, still is in disfavor with the Communist regime.

ALL CIGARETTES 65¢ PROCTER & GAMBLE WY.

Mrs. M. Jacobs

BIG SPRING — Mrs. Max (Ray) Jacobs, 91, of Big Spring died Sunday at her home. Services will be at 11:30 a.m. Wednesday in Sparkman-Hillcrest Funeral Home in Dallas. Burial will be in Emmanuel Cemetery there. Arrangements here were handled by Nalley-Pickle Funeral Home. Mrs. Jacobs was born Oct. 8, 1887, in Greenville. She was married to Max S. Jacobs on Jan. 9, 1910, in Greenville. Mr. and Mrs. Jacobs moved to Big Spring in 1927 and operated a clothing store, The Fashion, until retiring in 1946, when they moved to Dallas. Jacobs died in 1963. Mrs. Jacobs returned to Big Spring about two years ago. She was a member of Emmanuel Synagogue and of the Temple Sisterhood. Survivors include two daughters, Mrs. A.J. (Janice) Prager of Big Spring and Mrs. William (Pauline) Turner of Dallas, and two grandchildren.

Ercilia Z. Padron

SAN ANGELO — Rosary for Ercilia Zuniga Padron, 44, of San Angelo, sister of Victoria Hernandez of Hobbs, N.M., will be at 7:30 p.m. today in Robert Massie Riverside Funeral Home. Mass will be said at 2 p.m. Tuesday in Sacred Heart Cathedral with the Rev. Fred Nawarskas, pastor, officiating. Burial will be in Calvary Cemetery. Mrs. Padron died Saturday night in San Angelo. She was born Oct. 29, 1934, in Eola. She was married to Frank C. Padron April 2, 1950, in San Angelo. Other survivors include her husband, a daughter, a son, two sisters, a brother and two grandchildren.

Lee M. Lavender

SNYDER, S.C. — Services for Lee M. Lavender, 78, stepfather of Rosser Lee Jones of Midland, were to be at 2 p.m. today in Fluvanna Baptist Church. Burial was to be in Fluvanna Cemetery directed by Bell-Seale Funeral Home. He died Saturday in a Snyder, S.C., hospital. Lavender was born Dec. 18, 1900, in Henderson County. He had lived in Scurry County most of his life and was a stock farmer. He was married to Corene McDow on Feb. 3, 1948, in Post. She died July 11, 1975. Other survivors include three sisters, a brother and a stepgranddaughter.

William S. Cox

PLAINVIEW — Rosary for William Sherman Cox, 45, of Plainview will be said at 8 p.m. today in St. Alice Catholic Church. Services will be at 11 p.m. Tuesday in St. Alice Catholic Church with the Rev. Clarence Huber, pastor, officiating. Burial will be in Lubbock's Resthaven Memorial Park directed by Lemmons Funeral Home of Plainview. Cox died Sunday in a local hospital. The Big Spring native moved to Plainview in 1963. He was employed as a desk clerk at the Hilton Hotel in Lubbock. He was a member of St. Alice Catholic Church. Survivors include a sister.

Pope expected to mediate dispute

ROME (AP) — Papal mediation between Chile and Argentina on the simmering Beagle Strait territorial dispute is expected to begin at the Vatican this week. The Chilean delegation arrived Sunday and Argentina's delegation was due in Rome today in an effort to settle on ownership of lands at the tip of South America.

Tanzanian air force bombs Ugandan city

NAIROBI, Kenya (AP) — Tanzanian forces stepped up their war against President Idi Amin today with an air attack on Jinja, Uganda's second largest city, and renewed shelling of Kampala, his capital, after apparently pushing his Libyan defenders back, diplomatic sources reported. Residents of Jinja, 50 miles east of Kampala, said three fighters made a brief bombing run over the city but missed their apparent target, the local army garrison. Instead, their bombs fell near the Libyan Arab Uganda Bank, causing few injuries and doing little damage, the sources said. The Tanzanian air force made its first attack of the five-month-old war on Sunday, cratering the main runway of the international airport at Entebbe. But Ugandan exiles in Nairobi expressed surprise at the raid on Jinja. Some of them suggested the attackers were Amin's Libyan allies threatening the Ugandan troops at Jinja, who the exiles said had refused to go into action against the invasion force of Tanzanian troops and Ugandan exiles. Diplomats in Nairobi said the shelling of Kampala, the Ugandan capital, resumed early this morning and at least five artillery shells landed on the city. They said an oil storage tank was hit and a pall of black smoke rose from the industrial area on the eastern side of the city. The Tanzanian guns shelled Kampala for three

days last week. By the weekend diplomats there reported the Libyans had pushed the invaders back at least 12 miles from the city, out of artillery range. But anti-Amin Ugandans said it was "only a matter of time" before a final assault was launched against the city.

Residents of Kampala reported by telephone that Libyan ground forces, who have taken over the brunt of the Ugandan capital's defense since the virtual collapse of the Ugandan army, exchanged artillery fire with the Tanzanians for an hour southwest of the city Sunday afternoon.

Diplomats in Nairobi said the Tanzanian attack on the Entebbe airport, 21 miles south of Kampala, may have put the field out of action temporarily since Tanzanian artillery damaged another runway last week.

This could delay the arrival of Libyan arms and troops for Amin. He has other airfields at Nakasongola, 63 miles north of Kampala, and at Gulu and Arua, farther north, but their distance from the capital makes them less desirable landing points for Libyan reinforcements.

The diplomats said the Tanzanian MiG-21s came from a base near Mwanza, 155 miles to the south across Lake Victoria. The strike was believed to be

in retaliation for an attack Thursday by a Libyan bomber on Mwanza. It was not known how many planes made the attack, but none was reported downed.

TEN DOLLAR WILDCATS ENERGY RESEARCH & MARKETING SERVICES

Rhodesian army gearing for election sabotage

SALISBURY, Rhodesia (AP) — Rhodesia's army, gearing up to combat guerrilla threats to sabotage elections this month for this nation's first black-majority government, has begun calling up reservists up to the age of 60, the military command said.

A spokesman said orders went out over the weekend for some 600 civilians to report for reserve duty during the week. An undisclosed number of men between 50 and 60 were to be given medical examinations to determine if they were fit for duty, the military said.

The fact that the government was calling up men in the grandfather category underlined the manpower problems the army is facing after more than six years of war against black nationalist guerrillas.

At the same time, worried parents of more than 50 children are planning to send them to neighboring South Africa during the election period, the Rand Daily Mail newspaper reported today in Johannesburg. It said the Rhodesian Rotary Club was handling the evacuation.

The pre-election precautions increased here, guerrillas launched another rocket and small arms attack on a big fuel depot in the heart of Salisbury's industrial district.

Police said no damage or injuries were reported in the Sunday night raid. Guerrillas fired rockets at the depot last December, setting millions of gallons of precious fuel ablaze.

The black nationalist guerrillas have vowed to sabotage the elections in Rhodesia, claiming that black politicians seeking office are "stooges" who will let Rhodesia's white minority pull the strings and continue 90 years

of white domination. Citing security, the government has kept the exact date of the universal suffrage elections a secret. An announcement is expected on Friday. Sources say the vote is expected to begin April 17 and end April 20.

Former Houston policemen await jury's decision

HOUSTON (AP) — Three former Houston police officers anxiously awaited word of their fate today as jurors began the fifth full day of deliberations on charges the men deprived a Louisiana teen-ager, who was shot to death, of his civil rights.

Norval Wayne Holloway, Paul D. Dillon and Danny H. Mays contend they shot 17-year-old Randal Alan Webster in self-defense after a high-speed chase.

But prosecutors charge that Webster was trying to surrender when Mays struck the youth in the head, causing his pistol to fire.

The prosecutors also allege the trio conspired to cover up the truth by planting a "throw-down" gun next to Webster's body and lying to the grand jury about the incident.

The federal court jury, which has not been sequestered, already has pondered the case for 20 hours. It was to resume today at 9 a.m.

Jury foreman J.T. Taylor said at the close of Friday's deliberations that the panel was making progress toward a verdict.

Culver serving on State Bar committee

District Judge Barbara G. Culver of Midland is vice chairman of the Effective Participation of Women Committee of the State Bar of Texas.

The purpose of the group, which met last weekend in San Antonio, is to encourage women lawyers and judges to participate more actively in Bar activities, said Judge Culver.

The judge, who was county judge for 16 years before her elevation to the district court, also will serve as director of a seminar for new county judges, sponsored this week in Austin by the Continuing Legal Education Committee of the Bar's judicial section.

Newly elected Midland County Judge William B. Ahders is scheduled to attend the conference.

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SP NHL N.Y. Isla Philadelphia N.Y. Rang Atlanta Chicago Vancouver St. Louis Colorado Boston Buffalo Toronto Minnesota Montreal Pittsburgh Los Angeles Detroit Washington Atlanta Philadelphia Toronto Montreal Detroit Washington Vancouver Colorado Los Ang 7:45 p.m. San Atlanta Pittsburgh First P (Houston) 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He Minnesota Detroit First P (Medmar) 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He Boston First P 2:00 Post 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He N.Y. Rang Philadelphia First P Points 3 (Philadelphia 11:07 3 N Philadelphia Dunlop), 1 1:35 Post 12:30 Second ber 23 (Liz New York Marois), 2 (Lineman) 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He Vancouver Chicago First P (Keaton, M Fox, Chi, 1 Van, 12:30 Second P 14 (Fox, M gino, Chi, 2 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He St. Louis Colorado First P strom 18 (Louis, Giron de, Delores 8:00 4 Col Louis, Suite 4, Colorado Gillis), 18: StL, 2:18: 4 14:18 Second P 2 (Comaus) 12:27 Post Gillis), 8:22 Third Post 5 (Beverly, Delmore 18 11, St Louis 12:30 3 D (Val 22 (C Atlanta, 1 Kellie 25 (Gans-Piet Malone, 7 Second Ingle, Al Third J (Kea), 1 (Kinch Choulard Atlanta, 1 12:45 Pe Murdoch, 8:00 Rea, Sherr Pittsburg Goalliesburgh, He

SPORTS SCOREBOARD

NHL standings

Table with columns for National Hockey League, Eastern Conference, and Western Conference. Lists teams like Philadelphia, New York Rangers, and their respective records.

Exhibitions

Table listing exhibition baseball games between teams like Texas, Oakland, and Boston.

NBA standings

Table with columns for National Basketball Association, Eastern Conference, and Western Conference. Lists teams like Washington, Philadelphia, and their records.

Heritage golf

Table listing scores for the Heritage Golf tournament at Hilton Head Island, S.C., including names like Tom Watson and Ed Sneed.



Chris Evert presents herself with a wedding present by defeating Dianne Fromholtz to win the Clairon Crown net championship and \$100,000. (AP Laserphoto)

Evert avenges recent defeats

CARLSBAD, Calif. (AP) — The situation was ideal for Chris Evert to avenge a pair of recent losses, regain some confidence and present herself with a wedding present. It all worked perfectly.

McEnroe surges to WTC's front

MILAN, Italy (AP) — The oft-postponed question of who is the world's No. 1 tennis player, Jimmy Connors or Bjorn Borg, may soon have an answer — John McEnroe.

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Everyone thinks I'm so unemotional out there. I was going crazy on a few points. From the middle of the second set through the third set, my concentration was much better.

Rodgers sets unofficial mark in 10-mile race

WASHINGTON (AP) — Bill Rodgers, considered the king of the road, wants to prove a point or two to the runners who confine themselves to a track.

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Golden Gloves

INDIANAPOLIS (AP) — Championship results in the 1979 National Golden Gloves boxing tournament.

SWC baseball

First Game: Baylor 901 020 4-10 3 Texas A&M 002 001 0-3 10 2

SWC tennis

SMU Tennis Standings: WLP, G.C. Arkansas 21 6 278 5

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# Hanging paper intriguing work

By ED BRUSKE  
The Washington Post

Mark Edlow stares gravely into a dish of ground pork steak and mashed potatoes, considering, for a moment, the impact of his next statement.

"Most manufacturers would croak if they heard this," he says.

Then he plunges into a full description of his unorthodox method for hanging wallpaper.

ABOUT TWICE each year Edlow shares this information with novice hangers at the community center in Bowie, Md. He is no stranger to the crowds there, who turn out sometimes 130 at a time to hear his spiel.

Edlow, a representative of Reed Wallcoverings, an international manufacturer and distributor of the stuff, is described, frankly, as a showman. But he comes off the business type, in natty blue pinstripes and with executive touches of gray in his neatly trimmed hair and beard.

He hangs paper on the side. His gift is being able to explain, effectively, the art to the average Joe.

Certainly, laying wallpaper cannot be as easy as Edlow makes it sound. There are vague memories of Laurel and Hardy nearly killing themselves with it. First of all, there are so many different kinds.

THERE'S PREPASTED and non-prepasted paper. There's "paper paper," the old-fashioned kind; vinyl-coated paper; "substrate" paper, a mixture of paper and resins; fabric-backed vinyl paper; paper-backed vinyl — Stop! Enough! You say. Ah, but there's more — foil paper and grass cloth and hand-flocked paper and silk and linen and suede. There's strip-able paper, as opposed to non-strip-able paper and "peel-able" paper.

Edlow boils these down into neat little categories, such as: papers that are either prepasted or require do-it-yourself pasting; papers that can be removed leaving the original surface intact and those that cannot; and papers that should be left to experienced hangers.

The tools normally required for the task are a razor knife, a plumb line, a chalk line, a smoothing brush, a straight edge, a brush to apply paste, a seam roller, a tape measure or yard stick, a water trough or tray, a slop table or wood and saw horses, a good eye and a steady hand.

BEFORE LAYING the paper, says Edlow, first consider the surface it is supposed to cover. "You can't just take wallpaper and put it up over any wall," he says. "Wallpaper is not a cover-up for everything."

Many contractors, he says, use a thin, cheap, sprayed-on paint, also known as "calimine." This paint fails to seal off porous wall surfaces, which will soak up the paste on the wallpaper and cause it to fall off. Such a wall must first be coated with "wall sizing," a diluted paste. Or there may be paper on the wall already. If you are papering over it, it must be in good condition, with no open seams or curling edges.

Plaster walls must be fixed (and may require calling in a professional plasterer). Glossy paint surfaces must be sanded down or "roughed up." Kitchen and bathroom walls should be washed with a water-bleach mixture (a cup of bleach to a gallon of water) or household ammonia to remove grease, grime and — if you are taking up the original paper — mildew.

ALL, HE SAYS, to achieve a surface to which the paper will stick. (If you wondered about stucco, cement block or paneling, you can paper over these, too, by putting down first a rigid lining paper. Lining paper helps mask irregularities in the surface beneath it.)

To figure the amount of paper you need, multiply the number of linear

feet around the room by the average height of the walls. A room 40 feet around, say, with 8-foot-high walls has 320 square feet. Divide this by 30. Thirty is the number of "usable" square feet on a roll (which has 36 square feet in all) allowing for waste, trimming and future repairs. The result — 10.7 — is the number of rolls needed for the job. Round off to the next higher number, just in case.

FOR WINDOWS and doors, subtract one-half roll; a full roll for extra large windows or double closets.

Next you must decide which paper suits best. There are aesthetics to consider, for sure. But also convenience. Some, with vinyl coatings, are more easily cleaned. Renters may need to choose a paper that can be stripped away when the lease runs out — without tearing up the original paint or plaster.

Foil papers, which mirror interiors, are the rage, says Edlow. Novices should buy a cloth-back variety that straightens out again if accidentally crumpled. Some papers — grass paper, silks and flocked — cost \$35-\$50 a roll. Edlow recommends calling a professional for these.

And you must choose either pre-pasted (easier) or regular paper (takes more time).

BEFORE YOU get out the paste, inspect the paper carefully for defects. They are not uncommon and you will likely find the dealer unmoved if you try returning paper after it is already pasted up.

Do not start hanging in the kitchen or bathroom or bath. "These are the most difficult to do. But for some reason, most people try to do them first."

Try your skills first in the living or rec room where there aren't all kinds of cabinets and mirrors to get in the way. Begin at a spot opposite the focal point of the room, (behind the main door, for instance), so initial mistakes later are not the first thing you see when walk in. Continue working in the same direction all the way around.

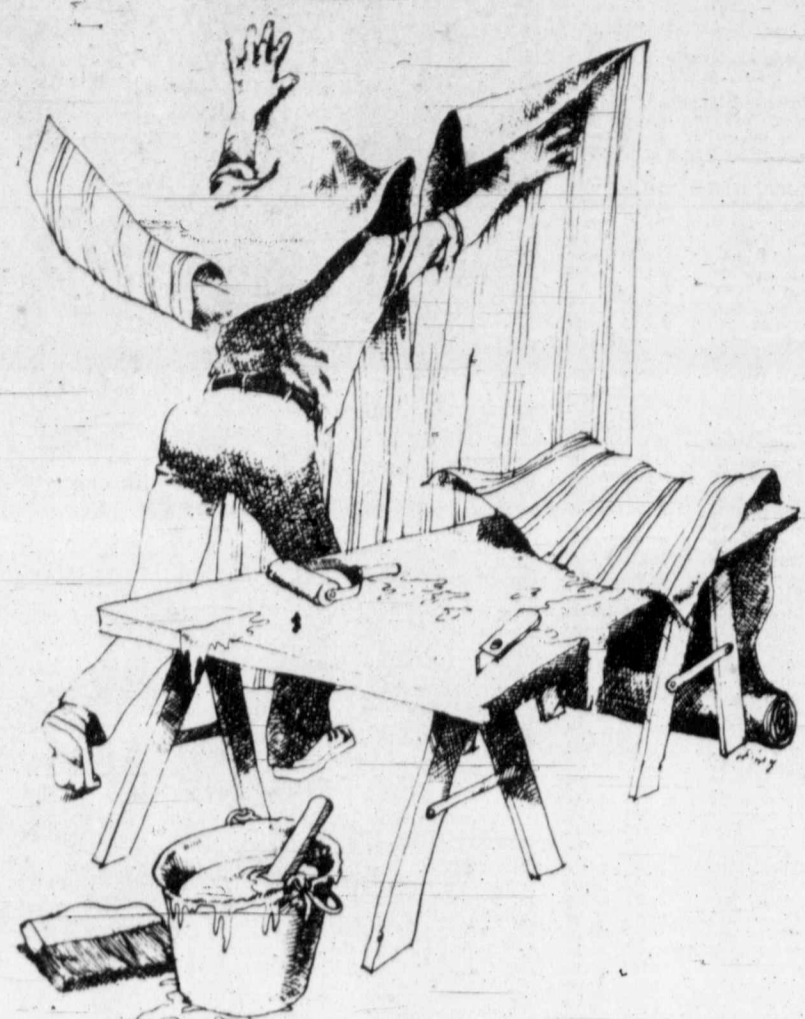
From the starting point, mark with the plumb and chalk line how the first sheet should lay so it is vertical. Each following piece should butt up against its neighbor — not overlap. Use the plumb and chalk lines again on each new wall since walls are no always straight.

PREPASTED PAPER is rolled up scroll-like and soaked in a water tray near the working area. Regular paper is laid out on the table and coated with paste and brush (Edlow uses a paint roller), then rolled up or folded in half (always paste side to paste side) and applied from the top. Overlap about two inches, top and bottom. Working downward, flatten it out with the smoother.

Here's where Edlow parts with the manufacturers. Edlow puts an adhesive paste, which costs about six times the normal \$2 paste, directly on the wall first. When it is tacky, he lays the paper in the same manner. He prefers a window-washer's squeegee to the smoothing brush, for more pressure and because it has a handle. Instead of the straight edge included in papering tool kits (\$6 or \$7 at paint and some hardware stores), he uses a wide putty knife, which also has a handle.

IN CORNERS, overlap also about two inches. Overlapped paper is trimmed away with the razor knife and straight edge. To match patterns, simply line up the designs on the wall before cutting the next piece off the roll. And if you are planning to cover your ceiling, the process is the same.

Now you can sit down for a quiet evening with the family in front of the tube. Providing, of course, you have not papered the television — along with the rest of the family — to the wall.



# Removing the stuff has problems, too

By SARAH BOOTH CONROY  
The Washington Post

An innocent bystander asked the other day, "Have you ever removed wallpaper?"

The Horrible Experience rose like Godzilla from the swamp of my subconscious. It is not that we have ever taken off wallpaper. But there were the two years when we tried to get it off.

Twenty-five years ago, all our young married friends were buying neat \$10,000 houses in the suburbs with ceiling electric heat, two bedrooms and a convertible bedroom-dining el. Not us. We bought an 1860s carpenter gothic, 12-room house in the student housing area near the University of Tennessee campus. The house had belonged to a fellow former student who had paid his way through college renting rooms to Chinese students who cooked marvelous and strange concoctions in their rooms.

Every room was papered. The living room had a different design on each wall. I remember the panel of old-fashioned people going into church. The designs of the rest I have successfully repressed. On each wall, of course, there were 90 years of repapering. The walls were, in effect, laminated.

As always, we were trying to do it on the cheap. So we did not rent a wallpaper steamer as everyone advised us to. We decided it would work just as well if we sponged the wall with hot water. How innocent we were. After sponging for a while, we took to throwing basins of hot water on the wall in a futile effort to wet it down. You can imagine the mess.

We scraped and scraped and scraped and slobbered and cursed and sweated. The few pieces of wallpaper we were able to get off either slithered to the floor and stuck or slithered onto us and stuck, until we looked like medieval wildmen. I have no idea what ancient glue was used on that wallpaper, but if I had the formula I would be rich now. You could glue a meteor to the moon with it.

More of the plaster came off then wallpaper. Great hunks and hulks fell before our fevered gouging. We got down to the lathing in more places than we were down to just plaster.

After nights and nights of work, we looked at the dining room and wept. The wall looked as though it had

grown alligator scales. My husband (or maybe it was I, we argue considerably about who was to blame) suggested that we use a textured paint to mask the three-dimensional effects. At this distance, I can't remember whether there was such a thing in those Dark Ages as a textured paint. In any case, we decided, as usual, to do it the hard way by mixing blasting sand with the paint.

It being the 1950s, we chose a trendy color: chartreuse. (Remember chartreuse? Not if you're under 40.) My husband, noble soul that he is, said, "I'll put it on. You tend to making the tea." (This was before the time when it would have been expected of me to insist on my rights to paint, thank heaven.)

He put it on. It fell to the floor with a whap and a flop. He scraped it off the floor and plastered it back on. There it went again. It took him more time to scrape it off the floor than it did to put it on the wall.

When it was finished, we thought it looked pretty good, but that may have been an illusion caused by the hard work affecting the brain. We installed our set of dining room furniture — the one with the knobby knees and the 1920s Jacobean design. With the high ceilings and the fireplace (blocked up, but still with its handsome iron screen), we thought it was not bad.

Just the other day my husband and I were talking about it. And I asked him, "Why did you use blasting sand?"

"That's the only way," he said, "to make those sharp peaks that cut your skin as you went by."

Ah, yes, the Wall of a Thousand Knives.

# Search continues

MONTAGUE, Texas (AP) — Authorities were expected to continue their grisly search today for a body to match the partially decomposed head of a woman.

Montague County Sheriff W.F. Conway said that a man collecting aluminum cans discovered the gruesome remains in plain sight among the debris at a roadside garbage dump near this North Texas city.

Conway said the man is not a suspect in the case.

Authorities searched a five-mile area near the dump over the weekend but were unable to find the body.

Osborn says he currently has a book in mind that he's been thinking about for a year.

"It's a family saga about the Hudson River," he reveals. "I only write what I know about, and I know about this really well."

ANSWER TO PREVIOUS PUZZLE

SORE	CRIB	ABCD
TRIX	SCONE	DUDS
OFF	TRUFF	ATRO
PETROL	TOUT	TIS
CRAB	TALONS	
CPB	SHOET	THINS
ALONE	DYKE	THOU
MAGI	SKIED	MOVE
ENCE	HINT	SOLE
STOCKING	CAP	FER
ALEAN	MULE	
ATL	NETS	NIRBLE
LIR	SHIRT	TAINS
HORE	URGES	SODS
ANSA	PUNY	ELSA

3/31/79

ANSWER TO PREVIOUS PUZZLE

POPOVER	SCALPENT
AVOCADO	GOTTERO
FLANAGAN	ORGRANO
EDER	NIOUS
ALLEN	ANTHERANT
RANICAL	REPERE
HUNAN	NINETEENS
ONE	WITNESS
PARDONERS	HEATH
ASTERS	ATLANTES
SKITTING	
DAWS	SHEER
APSE	
ORIENTE	NORAMA
CENTERS	GIRAFFE
RISTORE	STRIPPER

4/2/79

# BUSINESS MIRROR

## Upcoming downtown tough to figure out

By JOHN CUNIFF  
AP Business Analyst

NEW YORK (AP) — In its effects, it is as real an economic factor as rising prices or falling productivity or an oil shortage.

It pervades our consciousness, affecting consumer buying and government policy.

But we really know so very little about it. It is ever present, which can be proved by the consequences. But it belongs to the future, too. We are constantly referring to it as something to come.

How do we deal with the phenomenon that bedevils us every day of the week known as the "upcoming downturn" in the economy. Is it just a fear, a forecast, a cliché? Whether it is any of these, it remains powerful.

For well over a year it has been upcoming, but it has not come. And now we suspect the reason for the delay is that it has forced changes in present economic patterns that keep pushing it off into the future.

People have been buying up a storm, using credit when they run out of cash. Why not, they ask, when prices will be higher tomorrow? And besides, they add, when the recession comes we can't think of buying.

The impact on government policy is even more pronounced, leading to restraint by the Federal Reserve and voluntary price-wage guidelines, increasingly sounding like lasoos, by the White House.

Business has also reacted to the upcoming downturn. The Federation of Independent Business found a growing number of members expecting sales to fall, earnings to be cut and general business conditions to rode.

The longer the upcoming downturn is delayed, proclaim the forecasters, the worse the downturn is likely to be. But some of them too have been affected. They wonder: Will there be a downturn?

Sindinger & Co., a market research

firm, had been outspoken about a downturn. Now it suggests the economy might merely ricochet, never dipping or rising enough to be classified as either recession or boom.

Some economists have remained unperturbed. Albert Cox, president of Merrill Lynch Economics, this month raised odds of a "deeper and later recession by yearend" to 35 percent from 30. He lowered odds on "sharply lower growth but no downturn" to 20 percent from 15.

But a few bank economists have been observed planting hedges in their forecasts. Off the record, one this week confessed he has abandoned his roll as forecaster and now considered himself a spectator.

Economist, government official, consumer, businessman — the forecast of an upcoming recession has affected them all. Some of the resulting actions have lessened the prospect; others have promoted it.

Whatever their various responses, however, they have implemented them in an effort to deal with something that nobody can prove will come, and which in fact has already been delayed a full year.

Based on a cursory examination of past economic cycles, any forecast of an upcoming recession is likely to come true if held firmly and long enough. Expansion and contraction is the regular economic life cycle.

When an expansion lasts as long as this one, a full four years, you find some reassured that it can't be long now before the recession ups and comes, and others wondering if they've miscalculated.

It's going on right now, but that's not the important issue. What really means something is not whether the expectations are or are not fulfilled; but merely that they were made.

The very expectation is the reality — as real, as measurable and probably as important as many other economic events, past, present and future.

# Gossamer Albatross to fly on manpower

By LEE AUSTIN  
The Los Angeles Times

LOS ANGELES — On a calm, virtually windless day this summer a strange-looking aircraft, resembling a large cocoon dangling from a long gossamer-like wing, will take off from England and head for France and a \$200,000 prize.

Inside the transparent plastic cocoon will be a young man seated on a bicycle frame, pedaling like mad to keep the propeller behind him spinning fast enough to keep the craft out of the English Channel.

Along the way, he may have to dodge some of the 400 to 500 ships which ply the channel every day. The craft will be flying at an altitude of only 20 to 30 feet.

NAMED THE GOSSAMER Albatross, the pedal-powered plane is being readied at a Terminal Island site by its designer and builder, Dr. Paul MacCready, Pasadena, Calif., aero-dynamicist, and his team for a crack at a 100,000 pound prize (nearly \$200,000 in U.S. currency). It was put up by British industrialist Henry Kremer for the first aircraft to fly across the English Channel solely by Human power.

The monoplane has a 95-foot wingspan. It is covered with a super-strength plastic called Mylar, which is paper thin. Spars of the 5 1/2-foot-wide wing and other structural components are made of carbon filament, which is lighter yet 10 times stronger than aluminum.

The overall weight is only 55 pounds.

A PUSHER TYPE, the single-blade propeller is mounted behind the cockpit, which is enclosed with Mylar to reduce wind drag. Protruding in front is a 25-foot-long "canard" or stabilizer which is used along with warping of the wing tips to turn and go up and down.

The wing and "canard" actions are controlled with piano wires by the pilot, who coordinates the movements with levers. He pedals to turn the propeller via a series of chains and sprockets.

The plane rolls on a takeoff run of about five feet on two small tandem-mounted wheels from a child's toy.

MacCready and his crew are highly optimistic.

"WE'RE CONFIDENT we will make it. I know the machine will accomplish the task," said Bryan Allen, the 26-year-old pilot and power supply for the plane.

MacCready, a national and international sailplane soaring champion, and his team members have earned their wings in manpower flight.

In August 1977 MacCready's first plane the Gossamer Condor, made, aviation history and won a \$90,000 prize from Kremer by being the first human-powered craft to fly the prescribed 1.4 mile figure-eight course over land at an airport near Shafter, Calif.

The flight of the sister plane to the Albatross took 7 1/2 minutes. Its

highest altitude was slightly over 10 feet.

MacCREADY, WHO dreamed up the design while driving his family on a cross-country vacation trip "with boring stretches" the previous year, beat about 50 groups of constants from around the world to the 18-year-old prize.

Now MacCready, a 1952 graduate of the California Institute of Technology and president of Aerovironment Inc. in Pasadena, faces a greater and more dangerous challenge.

The distance across the channel is 22 miles. MacCready figures the flight will take 2 1/2 hours if no obstacles such as ships get in the way.

Since some ships' superstructures rise 100 to 200 feet or more above the water, they may pose a problem for the Albatross. It must keep below the 160-foot altitude limit set by Kremer and the Royal Aeronautical Society for safety reasons.

THEY BELIEVE that if the plane crashes from that altitude the pilot is less likely to get hurt, said Sterling Stoll, project manager for the flight.

The Albatross' flight planes call for "on the deck" flying at 20 to 30 feet above the water because the plane's wing is more efficient close to the surface, said Stoll.

"A big problem will be the super-tanker in the channel," Stoll said. "Bryan may win up flying 50 miles instead of 22."

MacCready also is concerned about ships and coastline protrusions because they are likely to disturb the air flow.

ANY WIND ABOVE 5 m.p.h. will mean grounding the plane, Stoll said.

At the planned air speed of 10 m.p.h., he figures he will be pedaling 60 to 70 revolutions a minute. And that, he said, means "a lot of pumping" during the 2 1/2-hour flight.

A slender, 6-foot, 139-pound bicycle racer and hang glider buff from Bakersfield, Calif., Allen is keeping in shape for the flight. He bicycles 40 miles a day and in inclement weather he conditions himself on a stationary bike.

With the big day only a few months away, activity at the Terminal Island hangar is increasing for the team of four or five full-time workers, who are augmented periodically by a dozen volunteers.

THEIR MAIN GOAL now is to perfect the plane's maneuverability and to reduce its weight even further. Already 15 pounds lighter than the Condor, the workers hope to cut the weight another five pounds.

Short test flights are made whenever the weather permits. The plane cracked up when a control cable snapped. It almost crashed again later when it suddenly swerved toward the ground.

"There's a tremendous amount of debugging needed," said MacCready as he watched the plane dive. "We'll probably break it up a few times."

A duplicate plane will be built as a backup, said Stoll, in case something happens in England.

# Non-writer turning out novels

By PHIL THOMAS  
AP Books Editor

NEW YORK (AP) — John Jay Osborn Jr. now looks back more in amusement than in anger at how his writing career almost ended before it began.

"I'd always wanted to write," the 32-year-old Osborn recalls. "So, when I was a freshman in college, I turned in a poem. The teacher read it and told me, 'That's the worst poem I've ever seen. Don't write anymore.'"

But the year passed, Osborn found himself in Harvard Law School, and he began to write again.

He explains: "It was the idea that I was a lawyer and not a writer that let me write again. It lifted a tremendous psychological burden from me."

"I think of myself as a lawyer who writes. If I thought of myself as a writer I would be carrying a great load which would make it impossible to write. I'd probably try to write the great American novel and fail, because I know Hemingway is better. But knowing that I'm a lawyer allows me to write."

Now the soft-spoken, boyish-looking Osborn has three novels to his credit: "The Paper Chase," "The Only Thing I've Done Wrong," and, most recently, "The Associates."

In the first, he says, he tried to show how life is in law school as well as to explain unreciprocated relationships — the student-teacher relationship.

"You see, the students know everything there is to know about the professor, but the professor knows little or nothing about the students because there are so many of them."

Osborn grew up in the San Francisco area and his second novel deals with growing up in California.

In the third, "The Associates," he says, "the main thing I'm trying to say is that the myth of the Wall Street lawyer as an all-knowing, super-intelligent being is not right. They are just as flaky and strange as anyone else, and that's not a bad thing."

Osborn says he began the highly popular "The Paper Chase" during his third year in law school. "It was a painstaking process," he recalls. "I finished about 40 pages of it that year, then I took those pages to a publisher and they bought it. It took me about a year to finish the book."

After graduation, Osborn clerked for a Federal Circuit Court of Appeals judge in Philadelphia, then worked as an associate in a New York Wall Street law firm for about four years, and most recently taught at the University of Miami Law School.

Now Osborn, who lives in New York with his doctor wife and their young child, handles a few individual clients, but plans to return to teaching next year.

"Teaching is ideal for writing," he says. "It gives you the time to both write and teach. They go together beautifully."

Osborn has written for film and

television in connection with "The Paper Chase." "I collaborated on the movie script," he says, "and I wrote a lot of dialogue. I think the movie was true to the book."

"I wrote several scripts for the TV series of 'Paper Chase,' and I rewrote a number of others. I love that series — it has no sex, no violence and the characters want to do something important with their lives."

Of these various forms of writing, he prefers "novels to anything. Novels are all yours. Movies are nice but you have to depend on others to make the thing work. As for TV, it's hard to be good because of the time limits imposed. It's an impossible schedule."

# Sir Heinz Koeppler dies of heart attack

WACO, Texas (AP) — Sir Heinz Koeppler, a former assistant secretary of state in the English Foreign and Commonwealth Office, died Sunday of an apparent heart attack at a Waco hospital. He was 66.

Koeppler, who was knighted by Queen Elizabeth in 1977, was the head of Baylor University's Institute for the Study of the Interaction of Foreign and Domestic Affairs. He came to Baylor last fall.

He was the retired director of Wilton Park, a British Foreign Office sponsored center at Sussex, England, for the study of international relations.