

**United Press International**  
EL PASO — The market is the farmer who needs to power his irrigation pump, or charge his electric fence. The logical application is in the American Midwest, the plains of North Africa and the arid desert of northern Mexico.

Libby-Owen-Ford Glass Co. realizes it's not the most efficient way to make electricity, but it is the cheapest. And the French oil company Compagnie Francaise des Petroles has enough faith in it to join in the \$18 million venture.

What the two companies are doing is building a plant to be known as Photon Power Co. which will produce cadmiumsulfide photovoltaic cells — cells they know will have very little appeal to residential America.

"It would take a hell of a big roof to hold enough of our units for a good residential application," said company spokesman Marty Wenzler. "But you take a farmer in central Texas who needs some irrigation pumps running, and he can use the product."

He said it would take three of the modules, designed to sell at around \$300, to power one television set.

Wenzler says the 62,000-square foot plant under construction at El Paso should be on line producing saleable products by March 1981.

"It's strictly a prototype plant, producing only one unit," he said. "If the concept is economically feasible in volume, we will put a plant in southern France to sell to North Africa, one in the southeastern U.S. and probably one in Mexico."

The heart of Photon is a process in which a 2-foot square piece of glass is sprayed first with tin oxide, then cadmium sulfide, then sectioned by a laser and coated in a vacuum with copper, chromium and lead. It's boxed in wood, fitted with two electrical leads, and when exposed to sunlight it produces 10-16 watts of direct current.

"The Department of Energy believes that good photovoltaics only use silicone instead of cadmium sulfide," Wenzler said. "Ours takes four times the area as silicone to produce the same power, but we're a lot less expensive."

Although Photon believes its immediate market will be largely in Mexico, where 80,000 villages have no power generation whatsoever, he says there are also ready markets in the U.S. for the cell.

"On this side of the river, for example, there are a lot of cattle fences with energizers. They need something to charge the battery that sends out a pulse," Wenzler said. "There are a lot of electrified fences in the southwest."

He said the Department of Energy is putting a lot of emphasis on residential applications for photovoltaic, but for a lot of reasons the technology is not yet practical.

"Remote areas have much more potential for us," he said. The amount of energy needed to produce the cell can be regained in less than a year of operation. Although the Photon plant cost \$3.5 million to construct, other expenses up the cost to \$18 million.

"We're hoping to produce and sell \$5 million in products next year, and even more the following year. At that rate, we'll make back the \$18 million before 1985."

## Solar Farms

## Has 'nothing to live for'

# Gunman takes hostage

**United Press International**  
NEW ORLEANS — A former mental patient, totting a pistol and saying "I don't have anything to live for," Tuesday took a Social Security employee and possibly one other person hostage at a federal office in the Bywater section of the city.

No injuries were reported, although police said several shots were fired. Dozens of people scrambled to safety from the office when the man left briefly — apparently to get his gun — after an initial scuffle.

An FBI negotiator entered the office to talk with the suspect, identified as Emmett Gremillion, 35. Heavily armed police SWAT-team members, wearing flak jackets, entered the building and cordoned off the area.

"He is getting the grips of the last six years off his chest," police spokesman Don Joly said. "Gremillion seemed very calm, very rational."

Witnesses said the disturbance began about 11 a.m. when Gremillion tried to drag his wife out of the office. She escaped, but he went to his car to get a gun and returned to the office, witnesses said.

Patty Kelly, who was inside with her granddaughter when the melee began, said she hid beneath a desk. She said the gunman held her briefly by the arm and threatened to keep her hostage even after she arrived.

"I begged for my life," she said. "I said, 'Please don't hurt me. I haven't done you anything. I'm going to let you go because you're like you're like my mother.'"

She said the gunman told police he had lost his children and was unafraid.

"He said 'I don't mind dying.' He said, 'I don't anything to live for,'" Kelly said.

The SWAT-team members lifted an air conditioner out of a rear window of the building and climbed.

The Social Security employee being held was identified as Charles Jones, a claims taker at the office.

Joly said the man first demanded to speak to a supervisor, but later agreed to talk with an FBI negotiator, who lived nearby, was identified as a former mental patient who was on Social Security and disability. Witnesses said several of the Security workers at the office knew Gremillion.

Police Superintendent James Parsons rushed to the scene to oversee the negotiations. FBI agents were dispatched because of the possibility federal might have jurisdiction.

## Battalion Classifieds

## Compromise bill on Alaskan environment passes Senate

**United Press International**  
WASHINGTON — The Senate has set the stage for final approval of a key environmental bill to protect more than 100 million acres of Alaskan wilderness.

Senate approval was a virtual certainty following two key votes taken Monday.

First, the Senate easily cut off a filibuster by Sen. Mike Gravel, D-Alaska, on a 63-25 vote, limiting debate and guaranteeing swift final action on the bill.

A few hours later, the Senate handily passed a compromise amendment by Sen. Paul Tsongas, D-Mass., to preserve 104.2 million acres of Alaska's wilderness under various federal protection programs.

The Tsongas amendment, approved 72-16, would preserve more land than the original bill drafted by the Senate Energy Committee, but falls short of the 127.8 million acres included under a tougher House-passed version.

Under the Tsongas compromise, of Alaska's 375 million acres, 350 million acres would remain open for hunting, 300 million acres would be open for oil and gas leasing and 250 million acres would be open to mining.

Sen. Ted Stevens, R-Alaska, who voted against the compromise, said the bill takes too much land out of use for hunting and mining, but the compromise is better for Alaska than no bill at all.

After Senate action, the bill goes to the House decision whether it is tough enough.

Under normal procedure, the bill would be sent to a House-Senate conference committee, which would likely produce a bill closer to that desired by the environmentalists and the administration. But that raise anew the threat of a Gravel filibuster on the scene report, and given the lateness of the session another filibuster could be fatal.

As a result, there is speculation the House may take the Senate version and avoid a conference altogether.

Interior Secretary Cecil Andrus said although administration would like a tougher bill, the substitute "is a tremendous improvement over what I've seen" in years of work on the Alaska Land Use Act.

Charles Clusen, chairman of the Alaska Coalition for Environmentalists, also praised the Senate version, said he still hopes for a better bill.

Gravel said no bill was preferable to the legislation before the Senate and argued it would jeopardize the state's mineral resources, timber industry and the way of life.

But Stevens said he was certain the administration would take an even tougher stand on Alaska's wilderness if no bill is passed during this session of Congress.

## Seven-year-old twins kept isolated in closet for 2 years

**United Press International**  
BATON ROUGE, La. — A husband and wife pleaded guilty to hiding their 7-year-old twins in a filthy, isolated room for two years in order to appeal their pending sentences in federal court.

The plea change halted the scheduled start of trials Monday for Leo and Annie Lee Jolla. State District Judge Leo Higginbotham Jr. sentenced — which could range up to 10 years in prison and \$10,000 fines on each count — for Oct. 22.

The malnourished and scantily clad children were discovered locked in a room of their home in May 1979 by social welfare workers and sheriff's deputies.

Jolla, 53, and his wife, 46, had been scheduled to go on trial on child abuse charges, but — wiping tears from their eyes — changed their pleas. Attorney Anthony Marabella said no plea bargaining arrangements were made with prosecutors for the guilty pleas.

Assistant District Attorney Mike McDonald, who was to prosecute the case, told Higginbotham the twins, Lionell and Gwynell Jolla, had been locked in the room isolated from other children in the family and unknown to neighbors and relatives.

"They were the size of 2-year olds when found," McDonald said.

"They were kept in this condition for a period of approximately two years," McDonald said.

Marabella said his clients, charged with intentionally mistreating the children, would reserve their right to appeal in federal court on search and seizure issues.

"I'm not sure we're going to appeal," he said.

### JOB OPPORTUNITIES

#### SECRETARIES — CLERK TYPISTS

Interested in working in a challenging and educational environment? Excellent opportunities exist with Texas A&M University. Full-time clerical positions at all levels are immediately available. September starting salary \$3.35, \$3.82, or \$4.22 per hour depending upon qualifications. Excellent holidays and fringe benefits. Contact Employment Manager, Personnel Dept., Room 211, YMCA Bldg., Texas A&M University, College Station, Texas 77843.

EOE/AA

1881f

### HELP WANTED

### HELP WANTED

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Now hiring for all positions for the Fall semester. Waiters, waitresses, fountaineers, cooks, and dishwashers. Pick up an application at Culpepper Plaza College Station 1901f

### WANTED

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#### FOR SALE

FOR SALE. \$100 down. 5 acres. College Station area. Rolling, wooded, or open. COUNTRY LAND CO. 713/468-8501 1841f

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2/Bdrm. 1 1/2 Bath. For Sale or Lease. Contact Bryan King, 713-686-4130. 1884f

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NEW FALL RATES. Efficiency \$175, month. One bedroom starting from \$195 month. All bills paid except electricity. No pets. Villa West Apartments, south of Villa Maria. Jimbeth Hite, manager. 822-7772.

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#### SPECIAL NOTICE

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#### CHILD CARE

FIRST BAPTIST CHURCH CHILD CARE. Day Care for 3 & 4 year olds. 1/2 or full day care. 2 day program for 3 year olds. 3 day program for 4 years olds. Phone 846-6632. 1848f

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### HELP WANTED

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Call Domestic Services 693-1954.

Clean homes with other students. Very flexible hours. \$3.30/hour + mileage.

Judy Smeins Libby Vastano 1843f

Wanted Fast Food Personnel FREE FOOD PAID VACATIONS ROOM FOR ADVANCEMENT. EXCELLENT WORKING CONDITIONS. NO EXPERIENCE NECESSARY

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#### 3C BARBECUE #3 CULPEPPER PLAZA

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For information contact Burna Erwin, Personnel 8 a.m. to 4:30 p.m. 713-825-6585. 1872f

#### KEN MARTIN'S FAMILY RESTAURANTS

is accepting applications for Assistant Manager and Manager Trainees. Salary range \$12,000 for Assistant, \$20,000 plus for Manager.

Apply in person only at Ken Martin's Steak House 1803 S. Texas Avenue, 2-5 p.m. Monday-Friday. 1871f

Please ask to see Peggy Miller for interview.

#### THE HOUSTON CHRONICLE

The Houston Chronicle is presently taking applications for Fall morning newspaper routes. Applicants must be self-confident, self-reliant, and self-motivated. The routes are 7 days a week and require dependable transportation. Qualified applicants can expect to earn \$500-\$700/month plus transportation allowance. Hours are approximately 3:30 a.m. to approximately 6:30 a.m.

Call Julian McMurray 693-2323 846-0763 1721f

#### STUDENTS NEEDED PART TIME

Telephone solicitors. Excellent pay. Limited positions. \$3 to \$10/hr. Call 846-3033 or come by 3900 Old College #33. 1901f

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Be a part of the Festival this year as FOOD SERVERS. Call 693-8197 after 5 p.m. 1871f

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#### HELP WANTED

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WEDNESDAY EVENING SPECIAL Chicken Fried Steak w/cream Gravy Whipped Potatoes and Choice of one other Vegetable Roll or Corn Bread and Butter Coffee or Tea

THURSDAY EVENING SPECIAL Italian Candle Light Spaghetti Dinner SERVED WITH SPICED MEAT BALLS AND SAUCE Parmesan Cheese - Tossed Green Salad Choice of Salad Dressing - Hot Garlic Bread Tea or Coffee

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SATURDAY NOON and EVENING SPECIAL Yankee Pot Roast (Texas Salad) Mashed Potato w/gravy Roll or Corn Bread & Butter Tea or Coffee

SUNDAY SPECIAL NOON and EVENING ROAST TURKEY DINNER Served with Cranberry Sauce Cornbread Dressing Roll or Corn Bread - Butter Coffee or Tea Giblelet Gravy And your choice of any One vegetable "Quality First"