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July 1980

## Illinois Rural Electric News



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# Illinois Rural Electric News

## Well-balanced energy program vital

One of this nation's leading authorities on energy has told a gathering of international energy economists that the industrial nations' future dedication to using the resources of technology can ensure that the world will avoid a severe shortage of energy, and can provide the energy abundance needed as the foundation for continued economic growth.

A well-balanced program of technically efficient conservation, nuclear fuels, oil recovery from shale, conversion to synthetic fuels derived from coal, and maximum use of solar energy sources can lessen our dependence on imported oil, Dr. Chauncey Starr, vice chairman of the Electric Power Research Institute (EPRI), said in June.

Speaking before the Second Annual Conference on International Energy Issues of the International Association of Energy Economists, meeting in Cambridge, England, Starr said past world-wide economic growth, nurtured by readily available and low-cost energy sources, has stimulated a high production efficiency based on energy-intensive machines, a rising standard of living and market competition rewarding efficient users of resources.

If the industrial nations now faced with more costly energy sources choose to accommodate the shortage through marketing conservation and placing limits on economic growth, they will face lower standards of living, without the promise of future improvement as populations grow, Starr warned.

"Limited expectations lead to policies of retrenchment and cautiously riskless investments, thus making the policy self-fulfilling. And, perhaps more importantly, limited

expectations destroy the image of a better future so essential to motivate our social institutions," he said.

National decision makers must soon face the reality of the anticipated growth in energy consumption, he continued. Citing forecasts of growth in the nation's work force and energy consumption, Starr told the audience that for the year 2000, annual electricity production must be about 2 to 2½ times that of today.

To achieve this growth, while lessening our dependence on foreign oil, Starr said accelerated electricity production from coal and nuclear fuels could eventually displace a portion of oil now used in three areas: power plant boilers (9 percent of all oil use); space and water heating (12 percent); industrial use (21 percent).

The oil represented by this total of 42 percent is roughly equal to current U.S. imports of foreign oil.

Starr said 250 efficient nuclear or coal-fired power plants could replace this current foreign oil consumption. There are currently the equivalent of 580 such stations in operation.

Using estimates based on high levels of conservation resulting from higher energy prices and improved efficiencies of technology, Starr said expanded nuclear energy is still required to avoid increasing oil consumption or facing power shortages.

"The basic issue remains our dedication to using all the resources of technology to provide ourselves with energy abundance," Starr said. "The scale of living in industrial nations does not have to decline. Higher-cost energy supply does not mean a depressed economy, if we permit technology to compensate."

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### Illinois Rural Electric News

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Cover: It's State Fair time again in Illinois, and Jana Yocom, reigning Miss Illinois County Fair, will serve as the official hostess for this year's State Fair, scheduled August 7-17.

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# Week in Washington:

Exciting time for young Illinois electric cooperative representatives



*Above: The pleasant surroundings of the courtyard of the U.S. Department of Agriculture Building provide a contrast to the seemingly endless corridors of offices in many Washington buildings. Below: Danny Kane of Red Bud, foreground, was elected the Illinois representative on the Youth Consulting Board of the National Rural Electric Cooperative Association. As a member of the board, Kane will participate in planning of rural electric youth activities and will serve as a page during the NRECA 1981 annual meeting.*







*Upper left: A Capitol-steps meeting with their Senators is always a highlight of the week in Washington. Charles Percy, in the photo, and Adlai Stevenson met with the Youth Tour participants. Lower left: The first full day of activities included a tour of the Civil War Battlefield at Gettysburg, Pennsylvania. The students visited all areas of the park, include this stop at Little Round Top.*



The week of June 6-13 was a fun-filled, action-packed time for Illinois Youth to Washington Tour participants; most of them essay contest winners, as they toured the nation's capital.

Beginning with their departure at noon on June 6, the students took part in one of the finest tours of Washington, D. C., and the Civil War battlefield at Gettysburg.

Included in their tour were: The U. S. Capitol (including a visit to the Senate Gallery, where they watched a floor debate) the Kennedy Center for the Performing Arts, Library of Congress, Supreme Court, Smithsonian Institution, Washington Monument, Lincoln Memorial, Jefferson Memorial, Arlington National Cemetery, U. S. Department of Agriculture, Islamic Center, Marine Corps War Memorial, Mount Vernon, Ford's Theater and Washington National Cathedral.

They also participated with more than 900 other students from 25 other states in "Rural Electric Youth Day" activities. During Youth Day, Danny T. Kane of Red Bud was elected to the Youth Consulting Board

*(continued on page 8)*

*Above: Highlighting the trip was the special visit to the White House and a chance to shake the hand of President Carter.*



## Popularity of Illinois 'Lo-Cal House' growing

The Illinois "Lo-Cal House" continues to attract growing national attention. The super-insulated, solar-oriented house designed by the University of Illinois Small Homes Council-Building Research Council is a subject of considerable discussion as its proponents work to encourage prospective home builders and planning commissions to consider the advantages of the unique design.

Henry Spies, assistant professor, Small Homes Council-Building Research Council, Champaign, outlined features of the house for electric cooperative member services personnel from Illinois and Tennessee during a special meeting in May. Spies related the special attention of the designers of the house to small window area and orientation to take advantage of the sun's rays during the winter months.

The joint meeting was conducted to allow for exchange of ideas and methods of increasing energy efficiency. Also on the program was James W. Ward, assistant director, Division of Energy Conservation and Rates, Tennessee Valley Authority.

The Low-Cal house is designed with two stud walls spaced one and one-half inches apart, allowing for eight inches of inexpensive mineral wool insulation. Windows are provided for, often smaller and fewer in number than in conventional homes, but not always.

"We can use south-facing glass as a major source of winter heat," Spies said. "We don't have to cut glass out, we just need to relocate windows so they become a positive factor in the home's heating plan. Part of our objective is to encourage prospective home builders to pay more attention to solar orientation, and to get planning commissions to lay out blocks so buildings can be built in a north-south orientation."

Spies noted that the double-wall design was chosen over the idea of using a single wall of two-by-six-inch



*Spies*



*Ward*

studs for several reasons. Conventional studs, he said, are much cheaper and can be straightened if slightly warped. Also, with the Low-Cal design, almost no wood goes through from inside to outside. The average home, he pointed out, has about 15 percent wood exposure. No expensive foam insulation board is needed, either.

"The Low-Cal home uses smaller — and less expensive — heating and air conditioning systems," he said, "and they're adaptable to small solar hardware units. They're adaptable to any house style or location, they utilize currently available building materials and no new technology or

labor skills are required," Spies emphasized.

Spies noted that the Low-Cal home is not much more expensive to build than conventional dwellings, but it is difficult to convince builders of that fact. "I go to a lot of builders' conventions," he said, "and there's usually some guy on the front row who'll tell me such a house would have to cost \$10,000 more than a conventional home the same size, while others say it costs about \$2,000 extra. That's not too bad, since they save about two-thirds on heating," Spies concluded.

Ward told of TVA's efforts to encourage conservation and to keep rates as low as possible. "In the 1950's," he noted, "we used to tell people that the more electricity they used the less it would cost, because we could build big generating stations and take advantage of the economies of scale. We can no longer tell the consumer 'if you use less current, you'll have a rate reduction.' What we can tell them is that it will forestall an increase, and help us delay some of the expensive construction."

Ward outlined several experimental programs TVA is working with to save energy, to shave peak loads and to delay construction of expensive new plants.

"The first thing we did was to go to business in industry, where there were some real potential for savings," he said, "and we learned that they're interested in things that will pay back in three years or less. Beyond that, they lose interest quickly."

Other experimental projects include the use of wood heating stoves to shave electric heating peaks, an attempt that proved somewhat disappointing. TVA achieved only one-third of its goal and many people object to burning wood in some areas.

"We think our Solar Memphis program will be a winner," Ward

*(continued on page 15)*

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*Following the popular White House visit, the well-dressed Illinois Youth Tour participants visit a Washington landmark with significant Illinois ties — Ford's Theatre. Tour Director Gary Buller gathers his group before they enter the historic theatre.*

## Week in Washington

*(continued from page 5)*

of the National Rural Electric Cooperative Association. He was sponsored by Monroe County Electric Co-Operative. Kane was later chosen to serve on the 10-member Executive Committee of the Youth Consulting Board, representing Region V.

During their tour the students also had an opportunity for visits on the Capitol steps with the state's Senators, Charles Percy and Adlai Stevenson, as well as meal functions with Representatives Paul Simon, Paul Findley, Ed Madigan and George O'Brien.

The week's tour of Washington and Gettysburg was the culmination of months of competition for a large number of the participants. As competitors in their local cooperative's essay contest, they spend considerable time researching their essay, writing and polishing the final draft and, in many instances, competing against other finalists in oral presentations of the essays before audiences.

In addition to the contest winners, other high school students participating are called "Willie Wiredhand" students. Many of these students are relatives of employees or directors and are ineligible for the cooperative contests. They pay their own way on the tour. Among others who participate as "Willie" students are essay contest finalists who also pay their own expenses on the tour.

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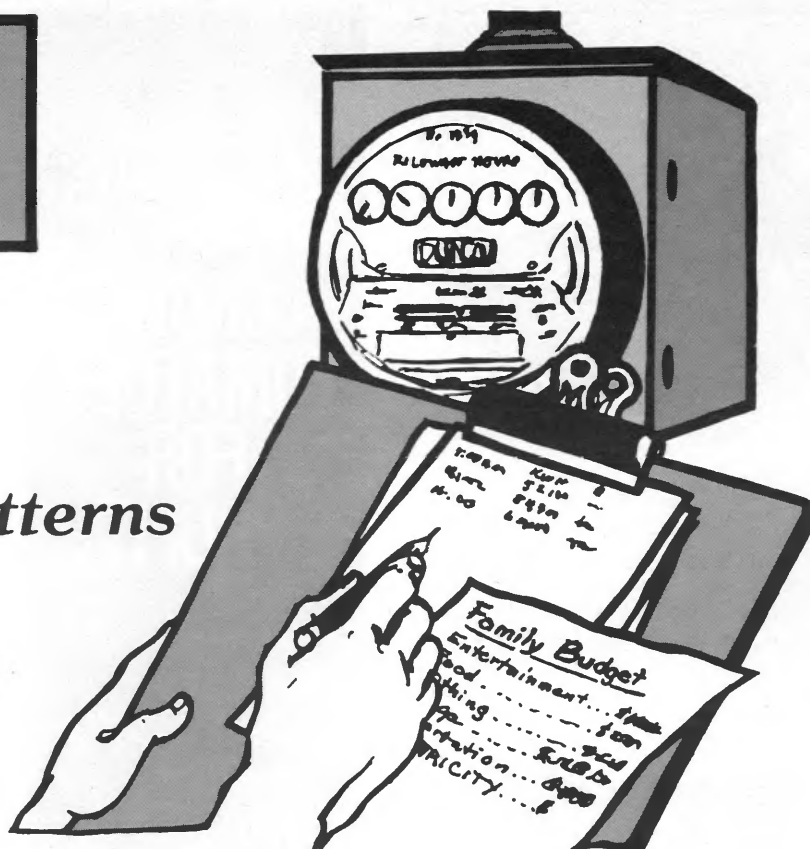
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# energy efficiency

## Monitoring electric use patterns can affect size of monthly bill



We may not remember the first time we heard the words "energy crisis," but as consumers we have become increasingly aware of the effect it has had on our life styles. We must, first of all, realize that due to the nation's present energy dilemma the basic necessities of our daily living will take a larger portion of our budgets.

Electricity is a manufactured product and utilizes a certain type of fuel, such as coal, nuclear, oil, etc., and, therefore as the cost of these fuels increase so must the cost of generating electric power. With the rising cost of energy to generate electric power, it is useful for you as a consumer to monitor your energy consumption.

Using energy efficiently is an objective toward which each member of the family must strive. First, you must know how your family uses electricity. Everyone's life style is a little different and therefore you need to identify how and when your family uses electric power. Once this is determined you can be careful about how efficiently you utilize your electricity.

The degree of effectiveness in utilizing your electric energy, however,

depends upon one person assuming the responsibility for determining the actual number of kilowatt-hours consumed by reading the meter and recording the figures on a regular daily schedule. The electric meter is a thoroughly tested instrument that measures, in kilowatt-hours, the electric power consumption of your household. Begin recording your electric usage patterns by utilizing a chart. Take a few minutes, preferably at the same time each day, and record your meter readings. Once you know your family's electrical usage patterns, you can then make valued judgments as to where and how you might be able to conserve and adjust your life style to live within your energy budget.

Perhaps we would be more careful

in our electrical usage if we knew how to measure the cost of convenience in utilizing electric power. How do you figure your cost of convenience? The cost of operating an appliance for example, is determined by three factors: (1) the wattage, (2) the hours of operation, and (3) the cost of electricity. The wattages of appliance equipment vary greatly. For information on a national basis involving typical wattages of appliances and annual or monthly KWH usage, write to the Association of Home Appliance Manufacturers, 20 North Wacker Drive, Chicago, Illinois 60606.

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(continued on page 18)

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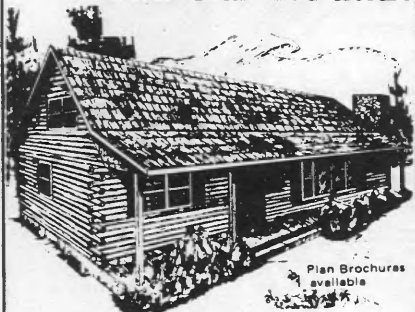
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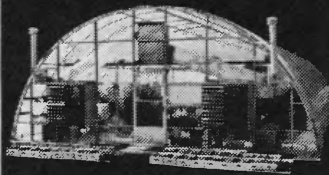
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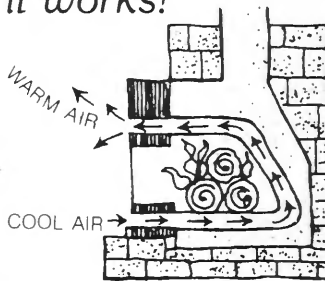
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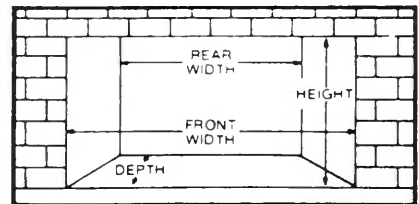
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Clean Out Trap \_\_\_\_\_ Yes \_\_\_\_\_ No

Approximate winter utility bill:  
Electric: \$ \_\_\_\_\_ per mo. Gas: \$ \_\_\_\_\_ per mo.

Fireplace Dimensions:  
Height \_\_\_\_\_ inches  
Rear Width \_\_\_\_\_ inches  
Front Width \_\_\_\_\_ inches  
Depth \_\_\_\_\_ inches

(From front of opening to back of fire box.)



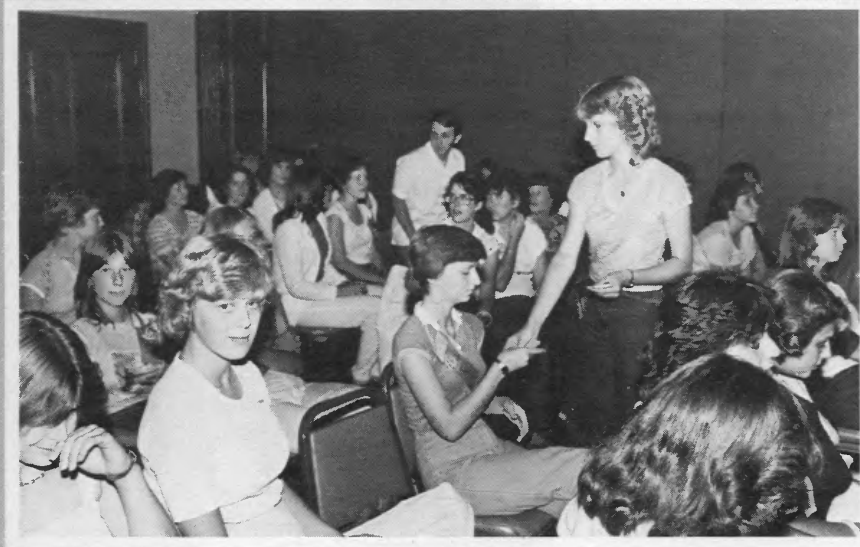
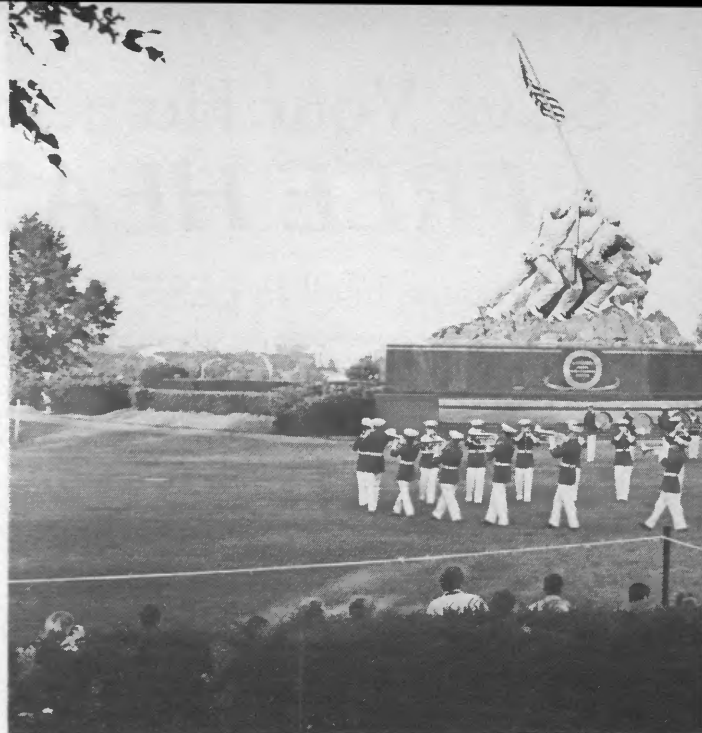
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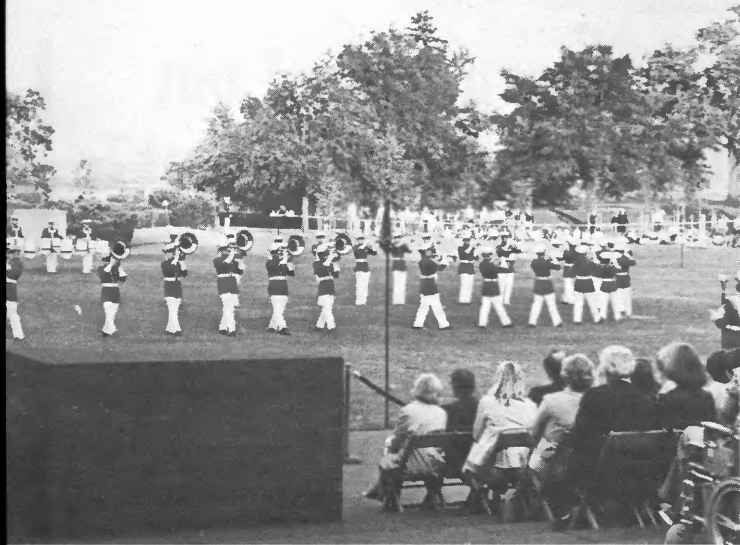




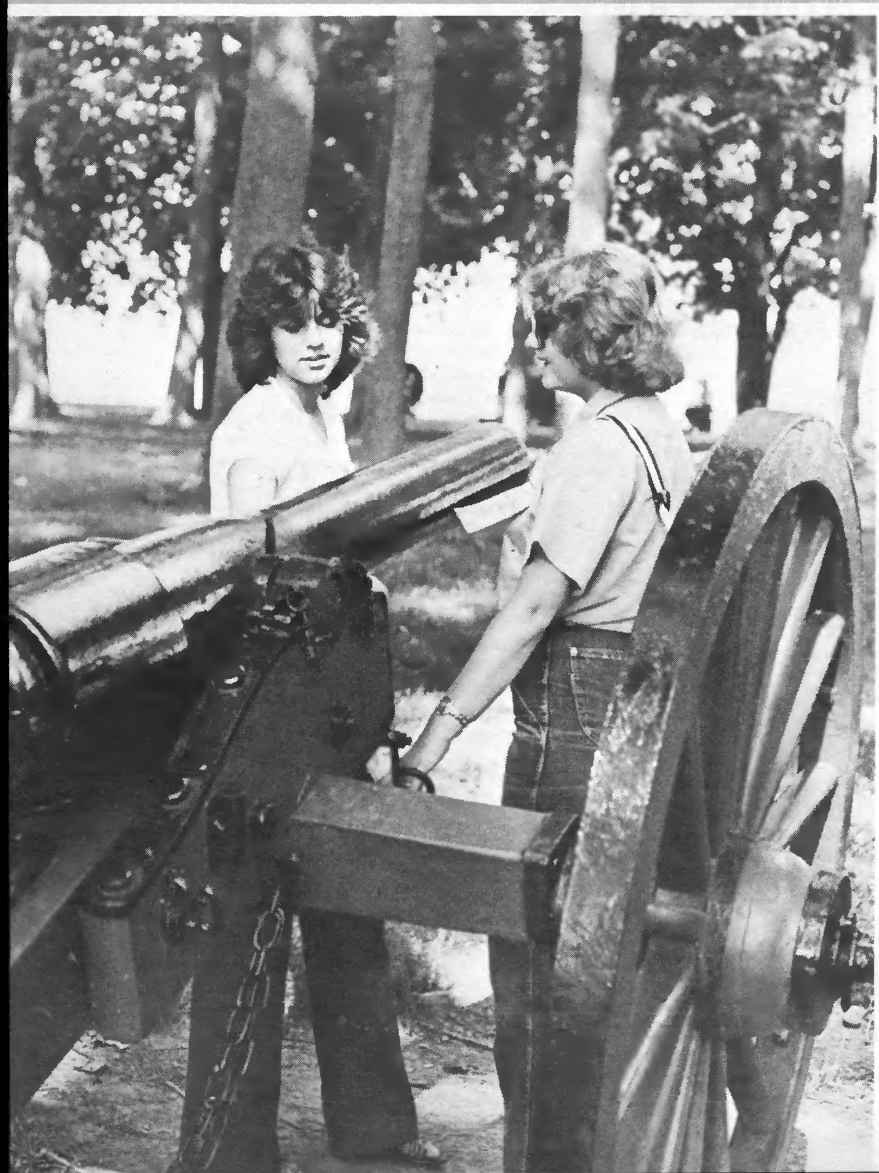
## Youth Tour







## activities varied and interesting



*Clockwise from lower left: Hands go up in response to a call by Illinois Senator Adlai Stevenson for questions from Youth Tour participants. Ballots are collected during the election of Illinois' delegate to the Youth Consulting Board. The group gathers around the Library of Congress tour guide. The evening spent at the U.S. Marine Corps Iwo Jima Memorial is a special part of each year's trip. A dance caps Rural Youth Day, highlighted earlier by a special tour of the White House and a visit with President Carter. Battlefield exhibits attract much attention during the first stop on the tour.*

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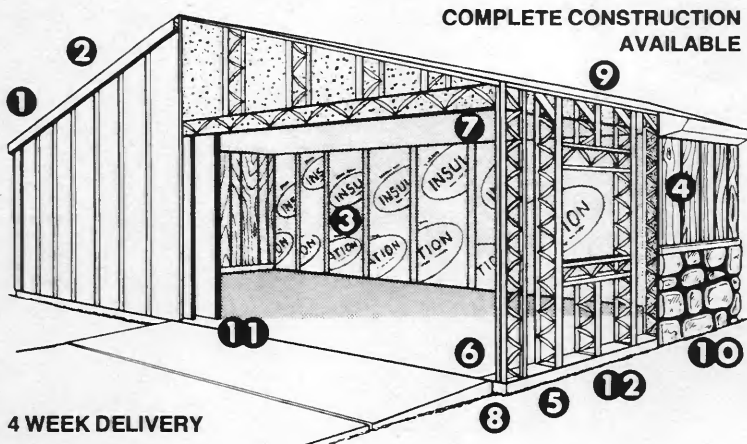
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## 'Lo-Cal House'

(continued from page 6)

continues, "and we have solar water heaters in operation, too. We have 11 different home designs available, too," he added, "and they only cost about fifty cents per square foot

more to build than conventional homes. We have some other programs and if they work out as well in practice as they look on paper, we'll be able to save quite a bit. At any rate, we'll try a lot of programs and keep the ones that work and throw out the ones that don't."

Susan Shepherd, deputy administrator, Rural Electrification Administration, stressed that Americans have to get away from the idea that there's only one answer to the energy problem.

"We can be energy self-sufficient," she said, "but everybody's going to have to work at it. It won't be simple, either. What we need is for everybody to do a little bit, both in conserving energy and in finding and using new sources."

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Counterclockwise from top: The Gene Tremble Clown Band will perform throughout the fair. USAC dirt car racing comes to the fair August 16. Sheep showing will run from August 9 through August 16. Tractor pulling starts from 1 p.m. August 8 and the finals are August 9. The bubble-gum blowing contest is August 11.



# State Fair 'Good Old Days' are August 7-17

**"Join Us For The Good Old Days"** is the theme chosen for the 1980 Illinois State Fair and nostalgia is reflected in the colorful logo which will remind everyone of the emphasis on agriculture at this year's fair, August 7-17.

Agriculture with its livestock judging, farm machinery exhibits and displays of interest to farm families will be receiving more attention this year as the result of the operation of the State Fair having been transferred to the Illinois Department of Agriculture.

The General Assembly approved the transfer of the former independent state agency last summer and Governor James R. Thompson signed the legislation in September, allowing the State Fair to become a division of the Illinois Department of Agriculture.

State Fair personnel subsequently came up with the idea of the "Good Old Days" theme which has now been worked into an advertising and promotional logo which illustrates this year's agricultural emphasis.

"The main idea was that the Department of Agriculture wanted

to get the idea back before the people that this is an agricultural fair, and a fair in the old tradition," explains Rex Gentry, the veteran artist for the State Fair who designed the four-color logo.

"It's a nice kind of theme to work with and I've tried to bring out the nostalgia aspect by using scrollwork and a type of baroque lettering."

Gentry's work contains an old barnyard scene opposite a cornucopia overflowing with fruit, vegetables and other items indicative of ag products produced on Illinois farms. Fitted between the logo's lettering are heads of animals such as those which compete at the fair.

Farm animal illustrations will also highlight three dozen 16-foot high vertical banners in a variety of colors which will catch the eye of fairgoers who enter the Main Gate of the State Fairgrounds later this summer.

Sign painters are reworking dozens of signs which have traditionally been attached to many of the horse, sheep, swine, dairy and beef cattle barns and tell about many of the various breeds or types of livestock brought to the fair.

Agriculture and Farm-City Day scheduled for Tuesday August 12, will be "A Salute to 4-H and FFA" this year with numerous activities being planned involving youths who will represent the thousands of 4-H and Future Farmers of America members in Illinois.

"The clean-up and condition of the fairgrounds are the first things anyone is likely to notice," comments Illinois

Director of Agriculture John R. Block.

"We've been concerned about the appearance and have progressed substantially already. Now that warm weather is here we want to polish the Illinois State Fair up until it's something we can all be proud of."

Last year approximately 630,000 people from numerous states and several foreign countries attended the State Fair.

This year Director Block has become personally involved in encouraging greater participation by farm organizations and commodity groups as a means of explaining agriculture's story to the public.

"We do not intend to overemphasize agriculture at the expense of other attractions," Block says, "but we are in the business of producing food and fiber for the consuming public and they need to understand this system from start to finish."

Sid Hutchcraft, the Superintendent of the new Division of State Fair, has the direct responsibility for managing the 11-day event.

The fair opens Thursday, August 7, with the Opening Day Parade and a special salute to county fair enthusiasts. Democrat Day will be held Friday, August 8 — earlier than usual — so that Democrats may attend the Democratic National Convention beginning soon thereafter. Mayors and Local Officials Day will be held Saturday, Veterans Day Sunday, and Youth Day and Access Illinois is slated for Monday. (Access Illinois is a program designed to make Illinois more accessible to handicapped persons.)

Topping the list for farmers is Agriculture and Farm-City Day scheduled for Tuesday, August 12. Wednesday is Governor's Day. Thursday is Springfield Day — held in honor of Springfield citizens. Friday is Golden Age Day. Saturday is Labor Day. And the fair ends Sunday, August 17, with Race Day — featuring Abe's Amble, USAC races, and a possible demolition derby.



# energy efficiency

## Monitoring electric use patterns can affect size of monthly bill

(continued from page 9)

your bill (dollars) by the number of kilowatt-hours consumed. Furthermore, to determine how many kilowatt-hours it takes to operate an appliance or light, simply multiply the wattage (found on serial plate) by the hours of operation, and then divide by 1,000. In determining the cost of operation of an appliance, you simply multiply the cost per kilowatt-hour (average cost) by the number of kilowatt-hours (KWH) used.

Electrical appliances account for approximately eight percent of all energy consumed in the United States. Therefore, it is beneficial to you to compare when shopping for appliances, both as a price tag and an

EER rating on the manufacturer's label. When buying electric appliances or equipment note the wattage requirements (printed or embossed on the name plate of the unit). Check energy consumption when buying new equipment with special features and weigh savings against consumption. The major electrical appliances used in homes today are an electric furnace, heat pump, air conditioner, water heater, clothes washer and dryer, dishwasher, oven and rangetop, refrigerator/freezer, lights and television.

Additional and more specific information in regard to the maintenance, operational practices, etc., of the major electrical appliances and

equipment has been discussed in previous efficiency articles. Also included, were articles on home insulation, retrofitting and weatherization, techniques in general as well as conservation through better utilization of equipment. Your overall energy budget should encompass a major portion if not all, of these energy efficient measures.

After discovering your electric use patterns, you can then determine how your family's day-to-day activities within the home can affect the size of your electric bill. The efficient use of electric energy can be flexible and designed to fit your family's needs. For additional information, please contact your electric cooperative.

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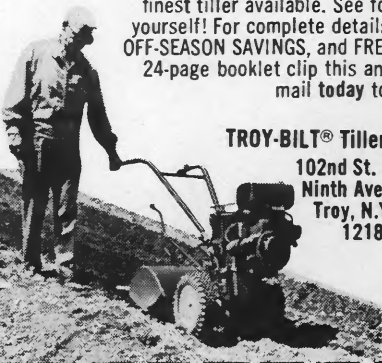
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*Hearty salads can be the main course while other salads can serve as an interesting dessert when made with fruit*

# SELECT A SALAD

## HOT CHINESE CHICKEN SALAD

- |  |   |
|--|---|
| 8 broiler-fryer chicken thighs, skinned, boned, cut into 1-inch chunks | 1 can (4 oz.) sliced mushrooms, drained |
| 1/4 cup corn starch  | 1 bunch green onions, coarsely chopped  |
| 1/4 cup Mazola corn oil  | 1 cup slant sliced celery               |
| 1/8 teaspoon garlic powder   | 1 teaspoon Accent flavor enhancer       |
| 1 large ripe tomato, cut into chunks                                   | 1/4 cup soy sauce                       |
| 1 can (4 oz.) water chestnuts, drained, sliced                         | 2 cups finely shredded iceberg lettuce  |

Roll chicken in corn starch. Heat corn oil in fry pan or wok over high heat. Add chicken chunks and quickly brown. Sprinkle with garlic powder. Add tomato, water chestnuts, mushrooms, onion and celery. Stir. Sprinkle with flavor enhancer. Add soy sauce. Stir. Cover, reduce heat to simmer and cook 5 minutes. Lightly toss chicken-vegetable mix with lettuce. Serve hot with rice. Makes 4 servings.

## STUFFED CELERY

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1 small pkg. cream cheese         | 3/4 teaspoon onion juice      |
| 1 1/2 tablespoons evaporated milk | 2 tablespoons chopped pickles |
| 2 tablespoons chopped nuts        | Celery                        |

Combine cheese with milk, nuts, onion juice and pickles. Fill the stalks of crisp clean celery lightly with cheese mixture.

## 24-HOUR COLE SLAW

- |   |                               |
|---|-------------------------------|
| 1 large head cabbage, shredded (about 2 1/4 lbs.) | 2 large carrots, shredded     |
| 2 green onions, chopped                           | 1 large green pepper, chopped |
| 2-3 stalks celery, chopped                        | 1 cucumber (in season)        |

## DRESSING

- |                        |                   |
|------------------------|-------------------|
| 1/2 cup wine vinegar   | 1/2 cup salad oil |
| 1/2 cup sugar          | 1/2 teaspoon salt |
| 1 teaspoon dry mustard |                   |

Boil vinegar, oil, sugar, salt and mustard for 3 minutes. Pour over mixed vegetables, blending well. Refrigerate covered at least 24 hours.

## TUNA MOLD

- |                               |                                    |
|-------------------------------|------------------------------------|
| 1 tablespoon gelatin          | 2 1/2 cup sour cream               |
| 2 cups flaky tuna             | 1 cup chopped celery               |
| 2 tablespoons chili sauce     | 2 tablespoons minced onion         |
| 1 1/2 tablespoons lemon juice | 2 tablespoons chopped green pepper |
| 1 teaspoon pepper and salt    | 1/4 cup chopped olives             |
|                               | 1/4 cup water                      |

Soften gelatin in water and dissolve over hot water. Add to sour cream and mix in remaining ingredients. Pour into mold.

## BEEF SALAD

- |                           |                          |
|---------------------------|--------------------------|
| 1 pkg. lemon gelatin      | 2 teaspoons grated onion |
| 1 cup boiling water       | 1/2 teaspoon salt        |
| 3/4 cup canned beef juice | 1 cup diced beets        |
| 3 tablespoons vinegar     | 1/2 cup diced cucumbers  |

Mix gelatin and boiling water and beef juice, add vinegar, onion and salt, let partially cool, add beets and cucumbers. Serve with mayonnaise.

## FRENCH DRESSING

- |                      |                                 |
|----------------------|---------------------------------|
| 1 can tomato soup    | 1 teaspoon Worcestershire sauce |
| 3/4 cup vinegar      | 1 teaspoon salt                 |
| 1 1/2 cups salad oil | 2 teaspoons mustard             |
| 1/4 cup sugar        | Paprika to taste                |
| Juice of 1 lemon     |                                 |

Place all ingredients in bowl and beat until well blended. Store in refrigerator in quart jar. Excellent on tossed green salad.

## BEAN SALAD

- |                                |                          |
|--------------------------------|--------------------------|
| 1 can LuSeur peas              | 1 small can pimientos    |
| 1 can French-style green beans | 1/2 cup vinegar          |
| 1 can LaChoy mixed vegetables  | 3/4 cup sugar            |
| 1 medium onion                 | Salt and pepper to taste |
| 1 cup celery                   |                          |

Mix and refrigerate overnight before serving.

## EASY SALAD

- |                      |                       |
|----------------------|-----------------------|
| 1/4 head lettuce     | 1/2 cup kidney beans  |
| 1 cup chopped celery | 1 cup cut-up tomatoes |

Toss and serve with French dressing.

## FRUIT & NUT SALAD

- |                        |                           |
|------------------------|---------------------------|
| 1 can fruit cocktail   | 1 can coconut             |
| 1 can chunk pineapple  | 1 cup small marshmallows  |
| 1 can Mandarin oranges | 1 8 oz. carton sour cream |
| 1 jar cherries         | 1 cup nuts                |

Mix and keep refrigerated overnight before serving.



## COOL AS A CUCUMBER EGG MOLD

- |  |  |
|--|--|
| 1 pkg. (3-oz.) lime flavored gelatin   | 6 hard-cooked eggs                                     |
| 1 cup boiling water                    | 1 1/2 cups chopped peeled cucumber, drained (1 medium) |
| 1 pkg. (3-oz.) cream cheese, cubed     | Lime wedges, optional                                  |
| 1/2 cup bottled Green Goddess Dressing | Cucumber slices, optional                              |
| 1/2 teaspoon grated lime peel (1 lime) |  |
| 1-2 tablespoons lime juice             |  |

Dissolve gelatin in water. Add cream cheese, stirring until combined. Stir in dressing, lime peel and juice; chill until partially set. Reserve 1 egg for garnish. Chop remaining eggs; add to gelatin mixture along with cucumber. Pour into 4-cup mold; chill until set. To serve: Carefully unmold. Wedge reserved egg. Garnish with egg wedges, lime wedges and cucumber slices, if desired.

## ORANGE SALAD

- |  |  |
|--|--|
| 1 box orange jello                     | 1 small jar maraschino cherries, drained |
| 1 cup boiling water                    | 2 bananas, sliced                        |
| 1 (8-oz.) bottle 7-Up                  | 1 cup nuts, chopped                      |
| 1/2 pt. whipping cream                 | 1 cup coconut                            |
| 1 small can crushed pineapple, drained |  |

Dissolve gelatin in boiling water. Add 7-Up. Refrigerate about 45 minutes, or until slightly jelled. Whip cream until stiff. Fold whipped cream and remaining ingredients into jello mixture. Refrigerate until firm.

## FRUIT SALAD

- |                                     |  |
|-------------------------------------|--|
| 6 apples, chopped fine              | 1 large can sliced pineapple, drained and chopped fine |
| 1 small pkg. miniature marshmallows |  |

## DRESSING:

- |                             |                             |
|-----------------------------|-----------------------------|
| 2 eggs, beaten              | 1 cup sugar                 |
| 1 teaspoon prepared mustard | Juice of 1 lemon (3 tblsp.) |
| 3 heaping tablespoons flour |                             |

Add pineapple juice to dressing mix and cook until thick. Set aside and cool. When cool, add to fruit and mix well. Pour into a glass baking dish. Top with layer of grated "rat" cheese and cover top with Angel Flake coconut (use at least one can). Refrigerate for several hours or overnight. Keeps well for a few days. (When apples begin to ferment, it is delicious. Good with almost anything.)

## FROZEN FRUIT SALAD

- |                                      |                        |
|--------------------------------------|------------------------|
| 1 #2 1/2 can fruit cocktail, drained | 3/4 cup whipping cream |
| 1 teaspoon unflavored gelatin        | 1/2 cup sugar          |
| 2 tablespoons lemon juice            | 1/2 cup chopped pecans |
| 1 3-oz. pkg. cream cheese            | Dash of salt           |
| 1/4 cup mayonnaise                   |                        |

Soften gelatin in lemon juice, then dissolve over hot water. Blend cream cheese with mayonnaise and salt. Stir in gelatin. Whip cream until stiff adding sugar. Fold in cheese mixture, nuts and cocktail. Pour into refrigerator tray lined with wax paper. Turn out after frozen and slice.

## APRICOT SALAD

- |  |   |
|--|---|
| 1 large or 2 small pkgs. apricot gelatin | 1 cup small marshmallows                                |
| 3 ripe bananas                           | 1 can (No. 2) crushed pineapple, drained, reserve juice |

Prepare gelatin as directed on package. Let partially set, then add above ingredients, reserving juice.

TOPPING: Mix 2 tablespoons flour, 1/2 cup sugar, 1 egg and the reserved pineapple juice. Cook these ingredients, stirring constantly, until clear and thick. Add one 8-oz. pkg. cream cheese. Cool. Prepare 1 pkg. Dream Whip as directed on box and mix with cooled topping. Spread over gelatin and refrigerate. This will keep several days and it makes a large dish. You may use orange gelatin and can substitute Cool Whip for Dream Whip.

# Woodworker's challenge:

## 'Something that'll make you scratch your head'

**M**arion McGregor is a lifelong farmer. McGregor, who lives just north of Oakland in east-central Illinois, is nearly a lifelong woodworker, too. He runs a cabinet-making shop after "retiring" from farming. "I used to really be fascinated by woodworking when I was a little kid," the Edgar Electric member says, "and my dad was really good at it. When I was about 12 years old he built us a wood lathe out of old scraps of oak and angle iron. It was pretty good and lasted a long time, and I learned a lot with it."

He had plenty of opportunities to improve his skills on the farm, since much of the equipment in use then was made of wood. "I grew up through the depression years," he relates, "and you made what you

needed. If you broke a singletree or a wagon tongue, you didn't just go out and buy a new one, because money was hard to come by. You made one, instead."

He made many of his own woodworking tools, too. "I've got a whole bunch of different-shaped chisels that I beat out from old files, on the forge. You can even see some of the file teeth in some of them. I made them years ago, and they're still good. We couldn't get along without them," he adds.

His experience has served him well, as the cabinets and furnishings in his home attest. He — along with son Lyle — built a full set of kitchen cabinets, a grandfather clock, a school clock, a mantel clock and an oak roll-top desk for the home. All show

careful, meticulous workmanship, as do the grandmother and grandfather clocks in the shop.

Cabinets, desks and clocks, largely the staples of the McGregor operation, are the primary thrust of the business, but it almost did not turn out that way, McGregor says.

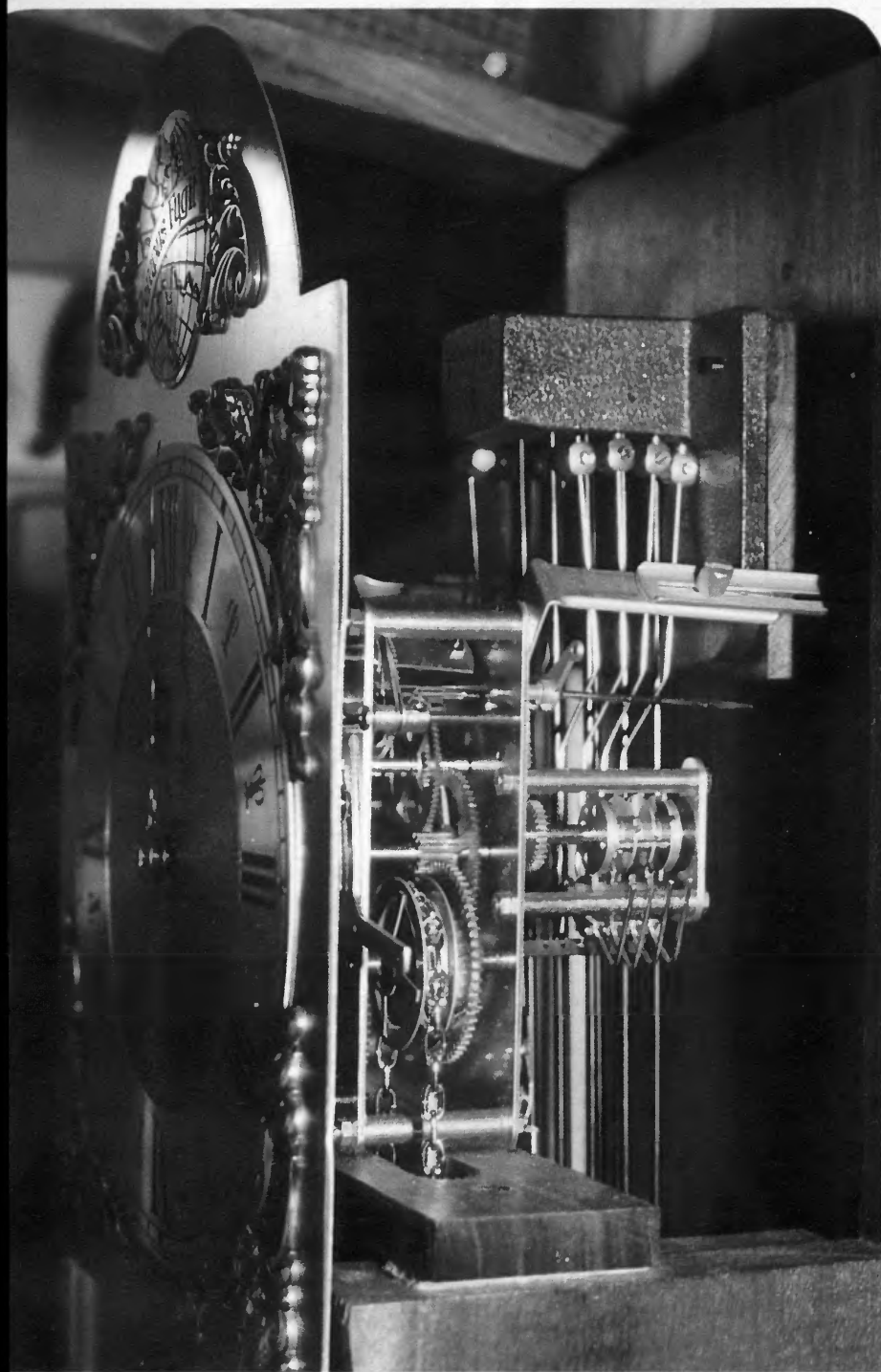
"There used to be an old radio show in Chicago called the 'Dinner Bell Program,'" he says, "and the announcer was a woodworking enthusiast. Once in a while he'd ask other wood workers to write him about their projects, and I'd just finished a lamp I was especially proud of, so I just packed it up and sent it to him.

"Well, he really liked it, and he mentioned it on the air. Next thing I knew there was a man here from one

*At right, Marion McGregor is shown with an old lathe he has used for years. His hand is on a wooden pulley he turned to change the speed of the chuck after shifting from a gasoline engine to an electric motor. The pulley, he says, has worked well for years. The inner workings of a grandmother clock are shown in the upper right photo.*







of the big department stores in Chicago. He wanted me to make them for him as fast as I could, as many as I could. He went back to Chicago and I thought about it for a little while, and he came down to talk to me again. He really wanted those lamps."

After thinking it over, McGregor decided not to go commercial. "I told him I really enjoyed making them and that I didn't want to have to do it for a living. I lost my fortune right there,"

McGregor chuckles, "but I'm still kind of glad I didn't do it. I keep thinking of what might have happened if I'd got a big batch of lumber that wasn't completely dry."

Still, he almost went into mass production with the lamps, kind of by accident. The landlady saw the original and had to have one, so McGregor fired up the lathe and went to work. Then she decided she wanted a lamp for each of her

children, and the lathe kept humming. After throwing in a few lamps for friends and neighbors, McGregor wound up making 39 of them.

That lamp, a complicated-looking project glued up from several different strips of light and dark woods and turned in two pieces, was one of those jobs McGregor finds zest in tackling. "I like something with a challenge — something that'll make you scratch your head," he remarks.

An old-time craftsman in the most traditional sense of the word, McGregor is quick to debunk the idea that quality workmanship is dead in America. "We can make better cabinets now than we could years ago," McGregor emphasizes, "because we have power equipment. I can work with harder woods and do a better job. I like to work with red oak and it'd be really hard to work with just hand tools."

McGregor still fondly recalls the day he received central station electricity. "I had a big old lathe I'd bought in 1945," he says, "and I had a gasoline engine outside. A big jackshaft ran overhead from it, and a belt came down from the shaft to the lathe. It was August 7, 1947, when we got power, and one of the first things I did was to get an electric motor for the lathe and get rid of the engine and jackshaft."

He still has the lathe, which is made primarily of oak, and uses it fairly often, but he has equipped the shop with more modern equipment he bought from a defunct cabinet-making business in Kankakee about five years ago. The shop is now equipped to do just about any kind of cabinet-making and woodworking.

"But I still prefer the kind of jobs that'll make you scratch your head," McGregor says, adding, "I like the kind of jobs others can't or won't do."



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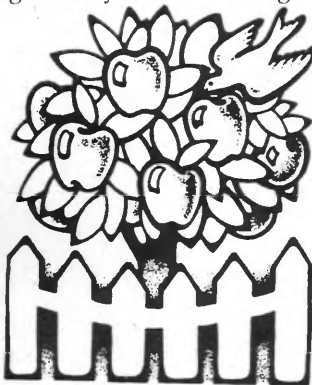
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