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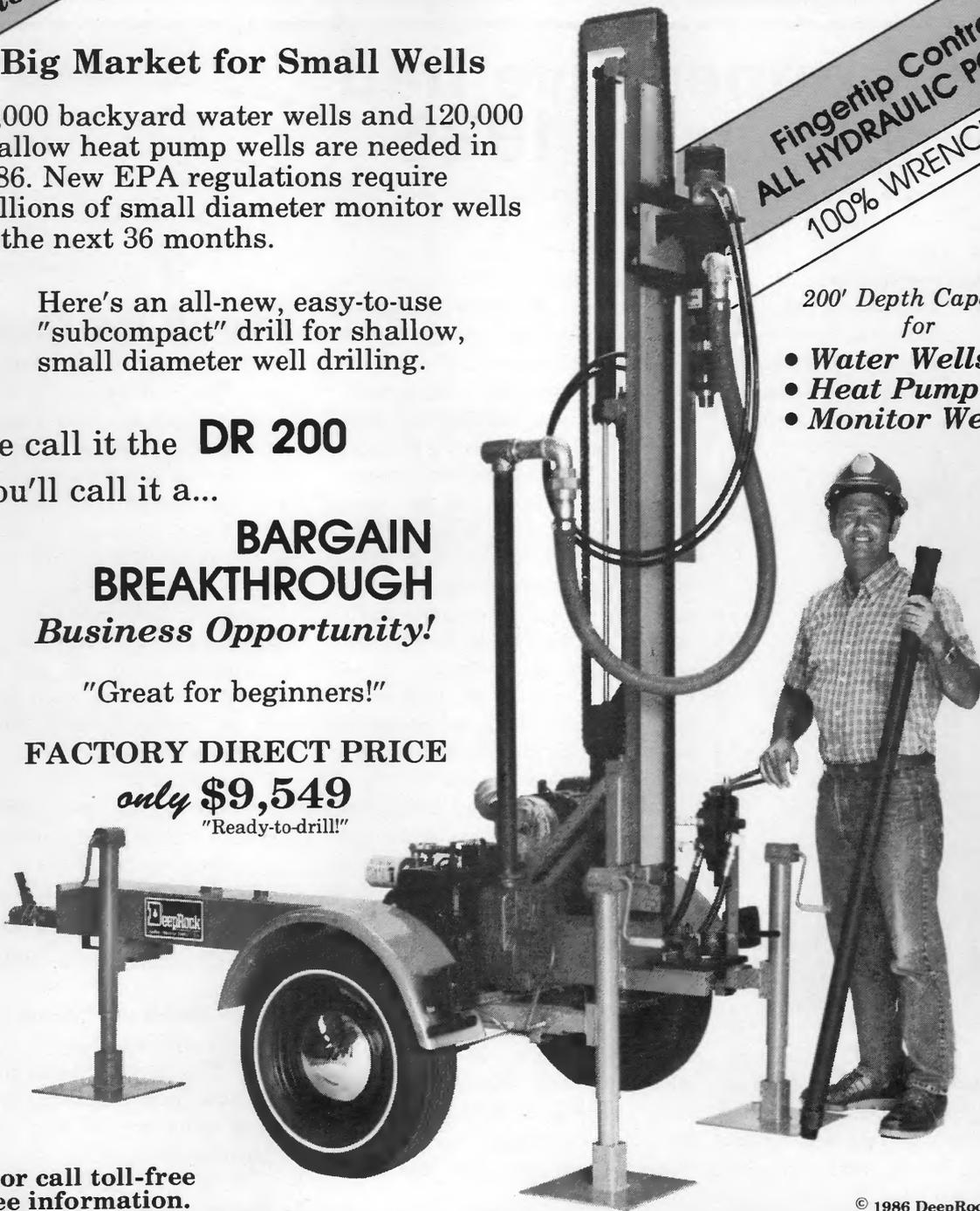
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manager's report

by Robert E. Pendell, Manager

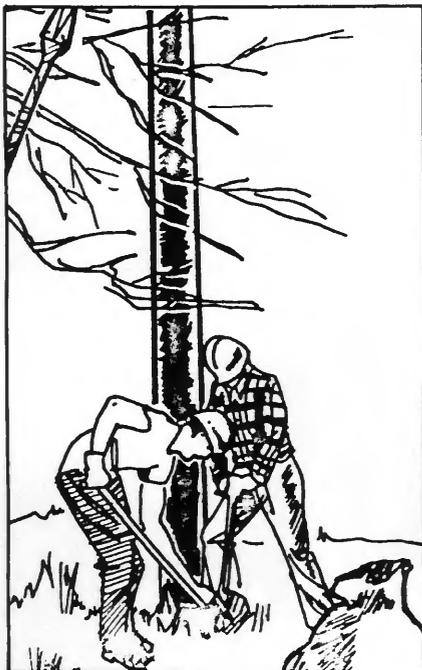
watts no

IREN SUPPLEMEN

Your Cooperative had a busy year in 1985

Welcome to 1986. The board of directors and staff of your Cooperative extend best wishes for the ensuing year to each of our members.

While I do not want to reflect on the past, there was a lot of activity at the Cooperative in 1985. The line crews were busy building 27 new services, including the new three-phase



service for Coggeshall Construction and the Rehabilitation Center, both on the west edge of Macomb. There were 20 new services uprated and we are still replacing 15-amp meters with 30-amp meters; last year 167 meters were replaced.

There were 254 old poles changed out in 1985. A contractor was hired to replace two transmission poles damaged by woodpeckers. The Osmose Company repaired 36 poles with chemical treatment and splints application, which can extend the life of

the pole approximately 20 years. There were 25 more anodes installed on our underground primary for protection against neutral corrosion. We replaced 234 crossarms, most done when bad poles were changed out. At two separate locations line moves were necessary due to bridge construction.

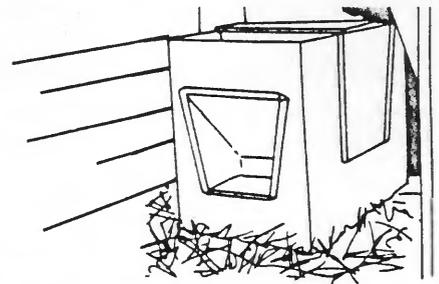
The new year will find our crews changing poles after testing by a contractor. It is anticipated that approximately 3,000 poles will be tested. Often this method saves our members many hours of outage time during wind and sleet storms. Our crews will continue to change out bad service wires as found. The line maintenance continues throughout the year. If you notice any condition on our lines that appears not to be in proper order, your reporting this to the office is much appreciated.

There was less outage time experienced by our members in the past year and we hope this can continue. We do apologize to members who have been affected when it is necessary to have your power off due to line changes.

Your Cooperative continues to maintain an excellent safety record as indicated by the Certificate of Excellence and Safety Accreditation Program presented to the Cooperative at the annual meeting. Accidents are costly in lost time and damage to equipment.

As we start a new year together, we want to thank our members for their cooperation, understanding and support and will endeavor to give you the best of our abilities in the year ahead.

We appreciate the privilege of serving you.



Stock waterers

Do not forget to check your automatic electric stock waterer — now. We suggest you use a test lamp and screwdriver to test all connections. Make sure all grounding connections are secure. Watch how the cattle drink. If they bite at the water, some electrical current may be leaking into the water.

Check the thermostat. A run away thermostat can cause high energy bills. Thermostats should be set so the thermostat comes on when water in bowl is 3 percent cooler than the temperature of incoming water.

Check these before you have any complications and save time and money, as well as a safety measure for your stock.

If power goes off:

We offer these suggestions:

1. Check your main fuses or circuit breakers.

2. Check your meter pole. If you have breakers, make sure they are in the "on" position.

3. If you still have no power, check with your neighbors to see if they have power.

4. Call 837-1400 — the outage number. There is someone on duty at all times to answer you at this number.

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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Checklist for tracking high bill problems

An occasional extra high electric bill can be disturbing because there is a month to six-week lag between the usage period and the billing date and it is hard to remember what happened by the time the bill arrives.

The bill you receive around February 5 will be usage from the December to January meter reading. Many times a billing period will be for six weeks or more. Also during that period we had some cold, windy days, as well as Christmas. All these additional do use kilowatt-hours and are so convenient but, by the time you receive the bill, a month after the holiday, it is difficult to remember all these uses.

Following is a checklist which can help you determine which group you



are in the next time you receive a high bill.

1. Check the kilowatt-hour usage that you are being billed for. Check if either meter reading was an estimated reading.

A. Is either reading too low or too high. Your next bill may adjust to normal if there are 30 or 31 days in

your current reading period.

B. Did your last reading reach our office by the 25th of the month? If not, our billing computer had to estimate your usage by averaging your previous three months usages. You can see how inaccurate this method could be in figuring your bill. For example, October usage, normally a relatively low usage month, is determined by averaging July, August and September usages, which are normally much higher because of hot weather.

C. If the usage appears normal, but the dollar amount is still too high, there may have been a billing error or your previous payment arrived too late to be recorded. Call the office or write for an explanation.

2. Is your electric water heater causing a problem?

A. If you have a dishwasher, are the thermostats set at 140 degrees F?

B. If you do not have a dishwasher; are the thermostats set at 120 degrees F or lower? (Adjust to suit the needs of your family.)

C. If the thermostats are set to desired temperature, but water is much hotter, it indicates a bad thermostat and a dangerous condition.

D. Check for leaks in the tank. A small leak in the tank can wet the insulation, causing heat loss to increase significantly as well as losing the hot water itself.

E. Check for bad elements; they can cause high usage. The electricity can flow through the water without heating it and can shock you via the plumbing. You may find the bad element by running out of hot water. The element just wastes electricity and doesn't heat.

NOTE: Troubleshooting of elements and thermostats should be left to your electrician or appliance center.
 3. Electric space heaters can cause problems too.

A. Do you use a portable heater occasionally? 1,500 watts used for two hours per day adds up to 90 kilowatt-hours per month. If it is forgotten and runs for 10 hours one day, it will use 15 kilowatt-hours that day alone.

B. Do you have built-in baseboard not used because of other (wood or ?) heat being used? Is it turned off at the circuit breaker? Some thermostats do not turn off, only down.

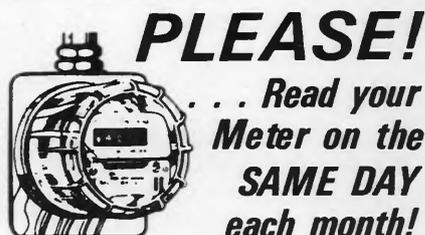
The following are common culprits of electric usage. Do any of these pertain to you?

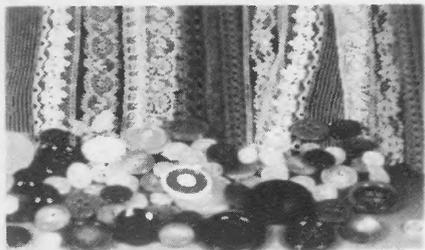
4. Water pump — the submersibles are more efficient but have been found running continually with no one knowing it. Make sure the tank is not waterlogged; it is hard on the pump physically and consumes more electricity due to starting torque.

5. Refrigerator — does it need defrosting? Can the seal hold a piece of paper snugly all the way around? If it has an energy-saver switch, is it in the saving position except when humidity forms around the door?

6. A typical dehumidifier running 24 hours per day would use about 400 kilowatt-hours per month.

7. Are any appliances, pipes or other devices in your home shocking you? This could indicate a short circuit causing a dangerous condition as well as wasted electricity.





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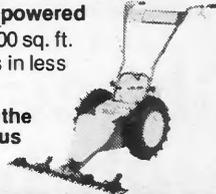
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Livestock operations may benefit from Choremaster

Given the proper use, electric vehicles may have a place on the farm, and they may even be able to reduce equipment costs, according to Les Christianson, a new member on the University of Illinois Agricultural Engineering staff. Christianson comes from South Dakota State University, where he was one of the project leaders in designing and testing an electric vehicle for agricultural use. Electric cooperatives supported the project through funding by the National Rural Electric Cooperative Association Research Fund.

Beginning in 1979, Christianson and other South Dakota State staff members designed three models of the "Choremaster" — an electric tractor that is best suited to farm chores, not field work.

He says that dairy, beef, swine and poultry farmers would have the most interest in electric vehicles because these farmers need a farm chore vehicle approximately 300 days out of a year. A grain farmer, on the other hand, may only need a chore tractor 30 to 70 days out of a year, which would not make it economical.

The initial cost of an electric tractor is about 10 to 15 percent higher than a diesel-powered tractor. However, Christianson says that energy savings, a longer vehicle life and reduced

maintenance with an electric vehicle more than offset this initial higher cost.

In fact, in one comparative study, South Dakota researchers found that if you considered all expenses over a vehicle's lifetime (including initial costs), the electric vehicle saved almost \$2,000 per year over the diesel vehicle.

Other advantages of the electric vehicle, he adds, are less noise, an absence of noxious fumes for in-building use, ease of starting and less dependence on one energy source.

The 4,000-pound battery in the electric Choremaster was able to power the vehicle for about 15 miles of stop-and-go driving under different load conditions before it needed to be recharged, Christianson says. This equals about four hours of tractor chores on typical farms.

When moving packed snow in 20- to 30-degree Fahrenheit weather, the tractor operated for about three and one-half hours, and cold conditions did not affect the battery's capacity.

In -20 degree F weather, the battery also performed well, but the hydraulic fluid and valves performed poorly and the instruments for measuring energy usage malfunctioned. In this case, however, Christianson notes that the battery was not insulated and the vehicle sat out overnight.

Although the electric vehicle is a new concept in American agriculture, the idea of a battery-powered car is an old one, dating back to 1847.

By the 1900s, electric car manufacturers were generating about \$18 million of business per year in the United States alone; but then came the decline. Gasoline-powered cars replaced electric cars, leaving electric vehicles with specialty jobs, such as milk delivery, mine work and forklift operation.

It was not until the oil embargo of 1973 that interest picked up once again and money was channeled into electric vehicle research.

In Europe, Christianson says, electric vehicles have been widely used for milk delivery since the 1930s; and they have been used in those European cities where combustion vehicles are banned due to pollution concerns.

Because European farms are not as large as those in the United States, researchers there also are developing an electric tractor that is practical primarily for field work.

In the United States, meanwhile, the interest seems to be present for an electric farm chore tractor, Christianson says. In a South Dakota survey, dealers, Extension agents and farmers were all receptive to the idea.

For example, the dealers surveyed estimated that the electric Choremaster could replace 32 percent of their sales of tractors (below 100 horsepower) to dairy operators, 29 percent of their sales to beef operators and 34 percent of their sales to swine operators.



manager's report

by Robert E. Pendell, Manager

Watts no

IREN SUPPLEMEN

Pay on time and save

If you do not pay your electric bill by the time it is due, you sacrifice the 5 percent discount given our consumers for paying on time. Not only that, but McDonough Power personnel must visit your location when your reading and payment are late, which creates additional expense for the cooperative

that must be passed along to all consumers.

So do yourself and your neighbor a favor — pay your bill by the time it is due and do not deprive your family of extra money by paying an additional amount on your electric bill.

Be sure your thermos is safe

Taking hot foods to school or office in a thermos is a good idea, provided the thermos is safe. The U.S. Department of Agriculture suggests you follow these rules to be sure of a safe meal:

- Check to make sure your thermos cover fits securely enough to maintain a safe hot temperature — over 140 degrees F. If the thermos is not keeping food hot until mealtime, toss it away.

- While your soup or stew is heating, preheat the thermos by filling it with boiling water and letting it stand for a few minutes.

- Heat your soup or stew to boiling before filling the thermos. This is your best insurance the food will stay hot until mealtime.

- Every evening wash the thermos with hot, soapy water. Rinse well with hot water and allow it to dry — opened — overnight. If the cover comes apart, wash each piece and let it air-dry overnight.

Some have yet another option — the microwave oven. It is perfect for fixing soups in a cup; reheating sliced, smoked turkey; making your own baked potato with special toppings, and countless other lunch possibilities. To save time and fuss, pack your meal in microwaveable dishes. Refrigerate any perishables until you are ready to pop them in the office oven. Choose foods that will quickly heat in the microwave. Make sure you use the correct setting to thoroughly cook or reheat the food.

Office closing
The cooperative office
will be closed
Friday, March 28.

Thawing pipes the safe way

There are two cardinal rules for thawing frozen pipes: (1) always open the faucets first and (2) never use a torch or anything hot enough to cause a flame to aid in defrosting.

If faucets are not opened before you begin the defrosting process, a pipe could burst as the heated water inside expands to steam.

Although "everyone" knows open flames should never be used to thaw pipes, about 6,000 home fires are caused annually by improper pipe thawing.

Heat tapes are one good way to

thaw pipes. They are available at most hardware and discount stores. Simply wrap the tapes around the pipe at the suspected ice block and plug into an outlet. Make sure any heat tapes you buy have the UL safety seal.

Other defrosting aids you can use include hair dryers or the warm air blown from a vacuum cleaner. You can even wrap a frozen pipe with rags, then douse it with hot water.

If you are not sure where the blockage is located, or if it is extensive, start at the suspected point near the faucet and work back from it.

Tacks a threat to linemen

A little thing — tacking posters, ad cards, political signs and no-hunting signs on power poles — can endanger our linemen's lives. Here's why:

A lineman uses sharp-pointed steel gaffs to climb the poles. If a gaff hits a metal object — like the head of a tack used in posting a sign — he may fall and be badly injured. These same tacks also may tear the lineman's rubber gloves — and even a pin prick makes the gloves unsafe.

Our linemen work both day and night, in all kinds of weather, to keep electricity on the lines to you. Their safety and welfare are priceless. So, please don't put signs on power poles. It's a little thing — but it can endanger men's lives.



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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Low voltage is still dangerous

A lot of people who would not go within 50 feet of a high-voltage power line fearlessly play around with 120-volt household current without giving a thought to whether it is dangerous or not. It is, and it can give a deadly shock.

About 1,000 people are electrocuted every year in the United States, and here is how some of these accidents happened:

- A do-it-yourselfer using a defective electric drill in the basement is electrocuted when he touches a metal laundry tub.
- A woman, whose basement was flooded by heavy rains, wades through the water to reach her freezer. She is electrocuted when she touches the lid of a shorted electric freezer.
- A child dies when he plugs one end of an iron cord into a wall socket and puts the other end in his mouth.
- Two children die when a radio falls into the bathtub where they are taking a bath.

Actually, it not the number of volts that causes shocks, but the amount of current (amperage) that enters the body, how long the shock lasts and the path which the current follows.

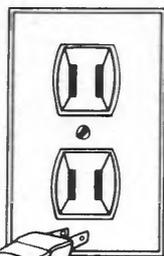
One milliamper (1/1000th of an amp) passing through the skin creates a tingling sensation. Only seven to 10 milliamperes can rob you of muscle control so that you can't let go. One hundred milliamperes (just 1/10th of an amp) can kill if the shock lasts for one second or longer.

Usually, the current passes in a hand and out of a foot, which may not be too bad. The real danger lies when the current passes in one arm, through the chest area and out the other arm. When this occurs, the current can para-

**WARNING:
 IF YOU THINK
 THE POWER
 IS OFF
 WHEN THE SWITCH
 IS OFF,
 YOU'RE WRONG.**

KEEP AWAY FROM WATER.

Everyone know that electricity and water are a dangerous combination. But did you know that an electric appliance is still electrically alive even if the switch is off? If the plug is in, the power is on. So when you keep appliances near water, keep them unplugged.



**ALWAYS UNPLUG
 SMALL APPLIANCES.**

Public Service ad from Association of Home Appliance Manufacturers and Underwriters Laboratories, Inc.

alyze the respiratory muscles, causing breathing to stop.

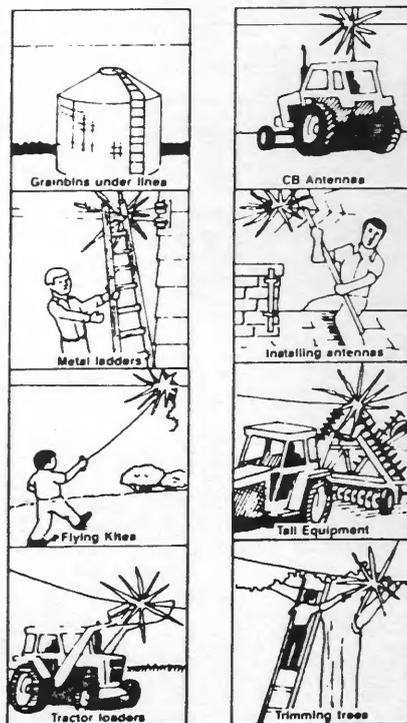
Such paralysis may last even after the person is disconnected from the electrical source. Too, the current can strike the heart, causing fibrillation, resulting in instant electrocution. The heart goes into unsynchronized fluttering cutting off blood and oxygen cir-

ulation to body cells, including the brain.

Because the way electricity works, low voltages surprisingly can be more dangerous than high voltages. A heavier jolt can "clamp" the heart and prevent fibrillation. People have been known to recover from comparatively large jolts of electricity while a smaller amount, under certain conditions, can kill.

HEADS UP!

**Power lines
 may be overhead**



Coming in contact with overhead power lines can be a deadly mistake. Make sure you know the location and clearance of all power lines on your farm. Electricity is a helpful friend, but it's also a powerful one — use it wisely.

THOUSAND ISLAND DRESSING

- 3/4 cup mayonnaise
- 3 tablespoons milk
- 1 tablespoon chili sauce
- 1 tablespoon sweet pickle relish
- 1 hard-cooked egg, finely chopped
- 1 teaspoon garlic powder

Combine ingredients. Chill thoroughly. Serve on chef's salad or greens. Makes one cup.

FRIED PIE CRUST

- 2 1/2 cups all-purpose flour
- 2 teaspoons baking powder
- 1/2 teaspoon salt
- 2 tablespoons sugar
- 1/2 cup shortening
- 1 egg
- 1 cup evaporated milk

Sift dry ingredients together. Cut in shortening. Beat egg with milk; add to dry ingredients. Knead out lightly and wrap tightly. Chill in the refrigerator. Roll dough thin. Fill with cooked dry fruits of your choice. Fry in cooking oil at 375 degrees.

FRITO SALAD

- 1 head lettuce, torn in pieces
- 2 tomatoes, peeled & chopped
- 2 med. onions, chopped
- 1 10 oz. pkg. mild cheddar cheese chopped in pieces
- 2 cans red kidney beans, drained & rinsed
- 1/4 lb. bag Fritos, crushed
- 1 8-oz. bottle French dressing

Mix first five ingredients well. Just before serving add Fritos and dressing. Mix to blend ingredients.

MARY'S POTATO CASSEROLE

- 2 lbs. frozen hash browns, defrosted
- 1/2 cup melted butter
- 1 teaspoon salt
- 1/4 teaspoon pepper
- 1/4 cup melted butter
- 2 cups crushed corn flakes
- 1/2 cup chopped onion
- 1 can undiluted cream of chicken soup
- 1 pint sour cream
- 10 oz. (2 cups) grated sharp Cheddar cheese

Defrost potatoes, combine in large bowl with melted butter. Add salt, pepper, onion, soup, sour cream, and cheese. Pour into greased casserole dish. Cover with corn flakes mixed with 1/4 cup of butter. Bake at 350 degrees for 45 minutes.

MAKE AHEAD CHICKEN & RICE CASSEROLE

- 3 cups cooked rice
- 3 cups cooked chicken, chopped
- 1 small onion, chopped
- 1 2 1/2-oz. jar sliced mushrooms, drained
- 2 cups (8-oz.) shredded American cheese
- 2 cups milk
- 1 10 3/4-oz. can cream of celery soup, undiluted
- 1/2 teaspoon salt

Add all ingredients together, mixing well. Spoon into a lightly greased 3 qt. baking dish; cover and refrigerate for several hours or overnight. Remove from refrigerator; let stand at room temperature 30 minutes. Bake, uncovered, at 350 degrees for 45 minutes. Serves 6 to 8.

CHEESE WAFERS

- 1 cup sharp cheddar cheese, grated
- 1/2 cup butter
- 1 3-oz. pkg. cream cheese
- 1 cup pecans, grated
- 1/2 cup flour
- 1/2 teaspoon salt
- 1/8 teaspoon cayenne pepper
- 2-3 drops yellow food coloring

Bring cheese and butter to room temperature. Cream together until fluffy. Add remaining ingredients and mix well. Shape into small balls. Place on ungreased cookie sheet; press with tines of fork. Press a small pecan half into center of wafer. Bake at 350 degrees for 15-20 minutes.

MEXICAN RICE CASSEROLE

- 1 lb. ground beef, lean
- 1/2 cup bell pepper, chopped
- 3 cups onions, chopped
- 2 cups canned tomatoes, chopped
- Salt and pepper
- 2 6-oz. rolls Jalapeno cheese spread
- 1 teaspoon garlic, chopped
- 1/4 cup chili powder
- 1 teaspoon ground cumin
- 1 cup raw rice
- 1/2 lb. butter
- 1/2 cup grated American cheese

Brown meat, add onions and bell peppers and simmer 5 minutes. Add tomatoes, chili powder, cumin and salt and pepper to taste. Simmer until liquid is evaporated. Cook rice according to package directions. When cooked, add Jalapeno cheese and butter, stirring until well mixed. In an oven-proof casserole dish, layer half the meat mixture, top with all the rice and cheese mixture, then the remaining meat. Top with grated American cheese. Bake at 350 degrees until cheese melts. Serves 6 to 8.

RICE AU GRATIN SUPREME

- 4 cups cooked rice
- 1/2 cup chopped onion
- 1/2 cup chopped green pepper
- 1/4 cup chopped pimiento
- 1 10 3/4-oz. can cream of mushroom soup, undiluted
- 1/2 cup salad dressing or mayonnaise
- 2 cups shredded cheddar cheese
- 1/2 cup milk
- 1 teaspoon salt
- 1/4 teaspoon pepper

Preheat oven to 350 degrees. Combine rice, onions, green pepper and pimiento in a large bowl. Blend soup, salad dressing, 1 cup grated cheese, milk and seasonings in a separate bowl. Stir into rice mixture. Pour rice mixture into a buttered shallow 2-quart casserole; sprinkle with remaining 1 cup cheese. Bake at 350 degrees for 25 minutes or until hot and bubbly. Serves 6.

NASSI GOARENG (DUTCH RICE WITH PORK)

- 1 large onion, chopped
- 3 cloves garlic, minced
- 4 or 5 pork chops, cut up
- 1 pkg. thin-sliced ham (about 8-oz.) cut up
- 3 cups cooked rice
- 1/2 teaspoon Sambal (red pepper paste) OR 1/4 teaspoon crushed red peppers
- 1/2 teaspoon salt
- Black pepper to taste
- Paprika
- Small amount vegetable oil

In vegetable oil, saute' onions and garlic until clear. Remove fat and bone from pork chops. Cut meat into small pieces and add to onions and garlic. Stir in Sambal or red peppers, then salt, pepper and paprika. Mix well. Cook until pork is done. Cut ham into small pieces and add to meat mixture. Stir. When ham is thoroughly heated and mixed throughout, pour mixture in with cooked rice and mix thoroughly. Serve and enjoy!!

SPICY SAUSAGE AND RICE

- 1 lb. bulk sausage
- 1 cup uncooked regular rice
- 1/2 cup diced onion
- 1 10-oz can Rotel diced tomatoes and green chilies
- 1 1/2 teaspoons Worcestershire sauce
- 1 1/2 teaspoons prepared mustard
- 1/2 teaspoon salt
- 1 cup water

Cook sausage, stirring while it cooks to crumble, til completely done. Drain and discard pan drippings. Return sausage to skillet; stir in rice and cook over low heat about 5 minutes, until rice is golden, stirring occasionally. Add remaining ingredients; simmer 30 minutes, covered. May need to be stirred once or twice. Serves 6.

TAMI'S RUSH-HOUR RICE

- 1 cup uncooked parboiled rice
- 1 1/2 teaspoons salt
- 1 teaspoon black pepper
- 1 tablespoon minced onion
- 1 tablespoon Worcestershire Sauce
- 1 1/2 teaspoons ground cumin
- 2 tablespoons cooking oil
- 1 10 3/4-oz. can chicken broth
- 2 soup cans water
- 2 5-oz. cans boned chicken
- 1 16-oz. can mixed vegetables, undrained
- 1 can cream of chicken soup, undiluted

In large skillet, brown rice and seasonings in oil over medium heat, stirring occasionally. Add chicken broth and water. Cover and cook 30 minutes or until rice is tender and water is absorbed. Add chicken, vegetables, and cream of chicken soup. Mix well. Simmer 10 minutes, stirring occasionally. Serves 6-8.

FROZEN FRUIT COCKTAIL

- 2 cans chunk pineapple, use juice
 - Maraschino cherries, optional
 - Green grapes
 - 14 peaches, fresh
 - 1/2 cup sugar to 1 quart fruit, (about 3 cups)
 - 9 teaspoons Fruit Fresh, (add to sugar)
- Cut up fruit in large bowl. Toss lightly with sugar mixture. Bag and freeze. You can add any fresh fruit.

FROZEN CHOCOLATE VELVET PIE

- 2 egg whites
- 1/8 teaspoon salt
- 1/4 cup sugar
- 2 cups nuts, pecans or walnuts
- 1/4 cup white corn syrup
- 1 tablespoon water
- 1 tablespoon vanilla
- 1 cup semi-sweet chocolate pieces
- 3/8 cup chilled can sweetened condensed milk
- 1 1/2 cups heavy cream

Beat egg whites with salt to soft peaks, gradually beat in sugar. Beat stiff, add nuts. Spread over bottom and sides of greased pie plate. Make rim about 3/4-inches high. Bake at 400 degrees for 12 minutes. Cool. Bring corn syrup and water just to a boil. Remove from heat, stir in vanilla and chocolate. Cool. Reserve 2 tablespoons. Pour rest in large bowl with milk and cream. Beat at medium speed until it stands at soft peaks. Pour into cool pie crust. Firm in freezer unwrapped. When frozen pipe reserved chocolate in lattice designs. Freeze until ready to serve. Will keep about 3 or 4 months.

BROWNIES

- 2 sticks butter
- 4 eggs
- 2 cups sugar
- 1 cup flour
- 1/4 cup cocoa
- 1 teaspoon vanilla
- 1 cup pecans

Melt butter in brownie pan. Mix eggs, sugar, flour, cocoa and vanilla. Add melted butter and pecans. Pour back into pan and cook at 350 degrees for 30 minutes. Do not cut while hot.

MILLIONAIRES

- 1 14-oz. pkg. caramels
- 2-3 tablespoons milk
- 2 cups pecans
- 1 6-oz. pkg. semi-sweet chocolate chips
- 1/2 block paraffin

Melt caramels and milk in top of double boiler. Beat 2-3 minutes. Add pecans and drop on wax paper. Melt chocolate chips and 1/2 block paraffin. Dip caramel-nut drops into chocolate mixture and return to wax paper.

MAGIC MUFFINS

Mix 1 cup vanilla ice cream and 1 cup self-rising flour together. Spoon into greased muffin tins and bake at 400 degrees til done. Do not substitute ice milk or all-purpose flour!

BAKED POPCORN CRUNCH

- 1/2 cup margarine or butter
- 1/3 cup firmly packed brown sugar
- 3 qts. hot popped popcorn (about 1/2 cup unpopped)
- 1 cup pecan halves or pieces

Preheat oven to 350 degrees. Cream butter and brown sugar together in large bowl. Pop corn and mix with creamed butter-sugar. Add nuts. Spread in a 15-by-10-by-1-inch jelly roll pan. Bake 8 minutes. Cool in pan. Yield: 3 qts.

PUMPKIN BARS

- 2 cups sugar
- 2 cups all-purpose flour
- 2 teaspoons baking powder
- 1 teaspoon soda
- 1/2 teaspoon salt
- 2 teaspoons ground cinnamon
- 3/4 cup corn oil
- 2 cups cooked, mashed pumpkin or 1 16-oz. can pumpkin
- 4 eggs

Combine first 6 ingredients. Add oil, pumpkin, and eggs; beat 1 minute at medium speed of electric mixer. Spoon batter into greased 15x10x1-inch jelly roll pan. Bake at 350 degrees for 20 to 25 minutes. Let cool completely. Frost with fluffy cream cheese frosting. Cut into bars. Makes about 3 dozen.

Fluffy Cream Cheese Frosting:

- 1 3-oz. pkg. cream cheese, softened
- 6 tablespoons margarine, softened
- 1 tablespoon orange juice
- 1 teaspoon vanilla flavoring
- 2 cups powdered sugar

Beat cream cheese and margarine until light and fluffy. Add orange juice and vanilla. Mix well. Gradually add powdered sugar, mixing until light and fluffy.

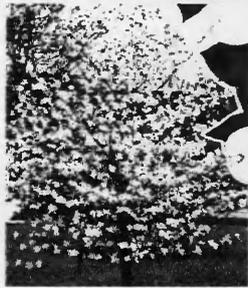
NURSERY STOCK SALE (ORDER BY MAIL) SAVE UP TO 30% FROM CATALOGUE PRICES

PLANTING INSTRUCTIONS INCLUDED IN EACH ORDER, EVERY PLANT WILL BE LABELED.

Notice: Orders of \$30.00 or more - take 10% discount off price of order. Does not apply to \$2.50 postage and handling charge.



RED MAPLE (Acer Rubrum 4-5 ft.)
This is one of the most beautiful of all shade trees. Besides having brilliant scarlet red leaves in the fall of the year, it has another excellent trait - it is an extremely fast grower. It is very easily transplanted and many experts agree it will practically grow anywhere in the U.S.A. Grows up to 60 ft.
1 Tree ... 1.50 10 Trees ... 14.00



WHITE DOGWOOD (4-5 ft.)
Large white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 ft. high.
1 Tree ... 1.99 10 trees ... 19.00



TULIP TREE (4-5 ft.)
A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall have tulip shaped flowers in the spring. Rapid grower.
1 Tree ... 1.50 10 Trees ... 14.00



WHITE BIRCH (4-5 ft.)
Many people know this eye catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in the fall provide showy colors. Height 60 feet, spread 30 feet.
1 Tree ... 1.98 10 Trees ... 17.50



SUGAR MAPLE (4-5 ft.)
The largest of all maples, its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness. A very hardy northern and southern tree - will grow up to 60 feet.
1 Tree ... 1.50 10 Trees ... 14.00



GREEN WEEPING WILLOW
4-5 ft. ... 1.50 ea. 10 for 14.00
This common Weeping Willow makes a large lacy tree with long branches weeping to the ground. Good for planting near water or as a planting accent alone or in groups of two or three in moist locations. Ultimate height 40 feet.

FLOWERING SHRUBS
1-2 Years Old

Crepe Myrtle, Red, Pink, 1 ft.	1.25 ea.
Spiraea Van Houttei, 1-2 ft.	1.25 ea.
Weigela, Red, 1-2 ft.	.95 ea.
Forsythia Yellow	.65 ea.
Bush Honeysuckle, Red, 1 ft.	.75 ea.
Red Flowering Quince, 1-2 ft.	1.25 ea.
Persian Lilac, Purple, 1-2 ft.	.95 ea.
Old Fashion Lilac, 1-2 ft.	1.25 ea.
Hydrangea P.G., 1-2 ft.	.75 ea.
Mockorange, White, 1-2 ft.	.60 ea.
Pussy Willow, 1-2 ft.	.95 ea.
Red Barberry, 1-2 ft.	.95 ea.
Jap. Snowball, 1-2 ft.	1.25 ea.
Blue Hydrangea, 1-2 ft.	1.25 ea.
Azalea, White, Purple, Red or Pink 1/2-1 ft.	1.25 ea.
Russian Olive, 1-2 ft.	.75 ea.

SHADE TREES - 1-2 Years Old

Scarlet Oak, 3-5 ft.	2.98 ea.
Ginkgo Tree, 3-4 ft.	3.98 ea.
Pin Oak, 3-5 ft.	2.95 ea.
Sweet Gum, 4-5 ft.	1.50 ea.
Crimson King Maple, 3-5 ft.	9.95 ea.
Persimmon, 1-2 ft.	1.95 ea.
Dawns Redwood, 1-2 ft.	3.95 ea.
Jap. Red Leaf Maple, 1 ft.	3.95 ea.
Hybrid Poplar, 3-5 ft.	1.75 ea.
Red Oak, 3-5 ft.	2.98 ea.

BERRY PLANTS, Etc. - 1-2 Yrs. Old

Blackberry, Thornless	1.75 ea.
Black Raspberry, 1 ft.	.85 ea.
Red Everbearing Raspberry, 1 ft.	.75 ea.
Dewberry, 1 ft.	.95 ea.
Boysenberry, 1 ft.	.95 ea.
Gooseberry, 2 yr., 1 ft.	1.75 ea.
Figs, 1-2 ft.	3.98 ea.
Candor Grape, 1 ft.	1.25 ea.
Fredania Grape, 1 ft.	1.25 ea.
Niagara Grape, 1 ft.	1.25 ea.
10 Rhubarb, 1 yr. Roots	2.50
25 Strawberry, Blakemore or Tenn. Beauty	2.95
25 Gem Everbearing Strawberry	2.95
25 South Privet, 1-2 ft.	6.95
25 North Privet, 1-2 ft.	6.95
10 Multiflora Rose, 1 yr. roots	4.98
20 Asparagus, 1 yr. roots	2.75
10 English Ivy, 4-8 in.	3.00



LOMBARDY POPLAR
3-5 ft.79 ea.
10 for 7.50 100 for 70.00
Suitable as a background, along driveways, screening off outbuildings and other unsightly objects.

NOTICE
We have a large amount of Apples and Peaches in 2 to 3 ft. size, the most popular varieties, that we are making you a bargain price on.

STANDARD APPLES
Red Delicious, 2-3 ft. ... 1.75 ea.
Stayman Winesap, 2-3 ft. ... 1.75 ea.
Yellow Delicious, 2-3 ft. ... 1.75 ea.
10 Apple Trees for \$15.00

STANDARD PEACHES
Belle Ga., 2-3 ft. ... 1.75 ea.
Elberta, 2-3 ft. ... 1.75 ea.
Hale Haven, 2-3 ft. ... 1.75 ea.
Red Haven, 2-3 ft. ... 1.75 ea.
10 Peach Trees for \$15.00

DELIVERY DATE
Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, New Mexico, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.

SPRING: January 15 - May 1
FALL: October 1 - December 1
ALL OTHER STATES
SPRING: March 1 - May 1
FALL: Sept. 25 - December 1

STANDARD FRUIT TREES
1-2 Years Old

Elberta Peach, 3-5 ft.	3.49 ea.
Belle of Ga. Peach, 3-5 ft.	3.49 ea.
J. H. Hale Peach, 3-5 ft.	3.49 ea.
Hale Haven Peach, 3-5 ft.	3.49 ea.
Dixie Red Peach, 3-5 ft.	3.49 ea.
Golden Jubilee Peach, 3-5 ft.	3.49 ea.
Red Haven Peach, 3-5 ft.	3.49 ea.
Champion Peach, 3-5 ft.	3.49 ea.
Loring Peach, 3-5 ft.	3.49 ea.
Stayman Winesap Apl., 3-5 ft.	3.98 ea.
Red Delicious Apple, 3-5 ft.	3.49 ea.
Red Rome Apple, 3-5 ft.	3.49 ea.
Red Jonathan Apple, 3-5 ft.	3.49 ea.
Early McIntosh Apple, 3-5 ft.	3.49 ea.
Red June Apple, 3-5 ft.	3.49 ea.
Arkansas Black Apple, 3-5 ft.	3.49 ea.
Early Harvest Apple, 3-5 ft.	3.49 ea.
Lodi Apple, 3-5 ft.	3.49 ea.
Grimes Golden Apple, 3-5 ft.	3.49 ea.
Mutsu Apple, 3-5 ft.	3.49 ea.
Granny Smith Apple, 3-5 ft.	3.98 ea.
Yellow Trans. Apple, 3-5 ft.	3.49 ea.
Manitowoc Chy., 2 1/2-4 ft.	5.98 ea.
Black Tartarian Chy., 2 1/2-4 ft.	5.98 ea.
Early Richmond Chy., 2 1/2-4 ft.	5.98 ea.
Bing Cherry, 2 1/2-4 ft.	5.98 ea.
Governor Waad Chy., 2 1/2-4 ft.	5.98 ea.
Kieffer Pear, 3-5 ft.	4.98 ea.
Orient Pear, 3-5 ft.	4.98 ea.
Bartlett Pear, 3-5 ft.	4.98 ea.
Moonglow Pear, 3-5 ft.	4.98 ea.
Maarpark Apricot, 2 1/2-4 ft.	2.98 ea.
Early Golden Apricot, 2 1/2-4 ft.	2.98 ea.
Sure Crop Nectarine, 2 1/2-4 ft.	2.98 ea.
Garden State Nect., 2 1/2-4 ft.	2.98 ea.
Damson Plum, 3-5 ft.	3.49 ea.
Methley Plum, 3-5 ft.	3.49 ea.
Red June Plum, 3-5 ft.	3.49 ea.
Santa Rosa Plum, 3-5 ft.	3.49 ea.
Burbank Plum, 3-5 ft.	3.49 ea.
Stanley Prune Plum, 3-5 ft.	3.49 ea.

DWARF FRUIT TREES - 1-2 Yrs. Old

Dwf. Elberta Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Belle of Ga. Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. J. H. Hale Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Hale Haven Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Dixie Red Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Golden Jub. Ph., 2 1/2-4 ft.	3.49 ea.
Dwf. Red Haven Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Champion Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Loring Peach, 2 1/2-4 ft.	3.49 ea.
Dwf. Red June Apple, 2 1/2-4 ft.	3.49 ea.

DWARF FRUIT TREES Continued

Dwf. Red Del. Apple, 2 1/2-4 ft.	3.49 ea.
Dwf. Red Rome Apple, 2 1/2-4 ft.	3.49 ea.
Dwf. Red Jonathan, 2 1/2-4 ft.	3.49 ea.
Dwf. Early McIntosh, 2 1/2-4 ft.	3.49 ea.
Dwf. Stayman Winesap, 2 1/2-4 ft.	3.49 ea.
Dwf. Early Harvest, 2 1/2-4 ft.	3.49 ea.
Dwf. Lodi Apple, 2 1/2-4 ft.	3.49 ea.
Dwf. Grimes Golden, 2 1/2-4 ft.	3.49 ea.
Dwf. Yellow Del. Apl., 2 1/2-4 ft.	3.49 ea.
Dwf. Granny Smith, 2 1/2-4 ft.	4.49 ea.
Dwf. Yellow Trans., 2 1/2-4 ft.	3.49 ea.
Dwf. North Star Chy., 2 1/2-4 ft.	6.49 ea.
Dwf. Manitowoc Chy., 2 1/2-4 ft.	6.49 ea.
Dwf. Bartlett Pear, 2 1/2-4 ft.	5.98 ea.
Dwf. Kieffer Pear, 2 1/2-4 ft.	5.98 ea.
Dwf. Burbank Plum, 2 1/2-4 ft.	3.49 ea.
Dwf. Methley Plum, 2 1/2-4 ft.	3.49 ea.
Dwf. Red June Plum, 2 1/2-4 ft.	3.49 ea.

EVERGREENS - 1-2 Years Old

*White Pine, 1 ft.	60 ea.
Blue Rug, 4-6 inches	1.75 ea.
Wax Leaf Ligustrum, 1/2-1 ft.	.65 ea.
Calarado Blue Spruce, 1/2-1 ft.	.75 ea.
*Canadian Hemlock, 1-2 ft.	.75 ea.
Andara Juniper, 1/2-1 ft.	1.25 ea.
Norway Spruce, 1/2-1 ft.	.75 ea.

NUT TREES - 1-2 Years Old

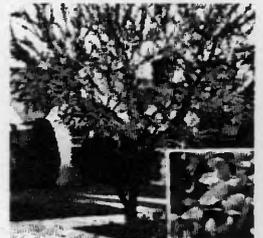
American Hazel Nut, 3-5 ft.	2.95 ea.
European Hazel Nut, 3-5 ft.	2.95 ea.
Butternut, 3-4 ft.	4.49 ea.
Chinese Chestnut, 3-5 ft.	3.95 ea.
Hardy Pecan Seedlings, 1-2 ft.	1.50 ea.
Stuart Pecan, Papershell, 2-3 ft.	8.95 ea.
Black Walnut, 3-5 ft.	3.45 ea.
English Walnut, 2-3 ft.	7.95 ea.
Hall's Hardy Almonds, 3-5 ft.	4.98 ea.

BERRY PLANTS

BLUEBERRIES - Bluecrop, Rubel, Bluejay, Jersey, 1 ft.	2.98 ea.
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FLOWERING TREES - 1-2 Yrs. Old

Magnolia Grandiflora, 1/2-1 ft.	1.45 ea.
Mimosa, Pink, 3-5 ft.	1.50 ea.
Pink Flaw. Dogwood, 2 ft.	7.95 ea.
Golden Rain Tree, 3-4 ft.	2.95 ea.
Pink Flaw. Cherry, 3-5 ft.	5.95 ea.
Flaw. Crab, Red, 3-5 ft.	3.49 ea.
Magnolia Soulangiana, 1-2 ft.	2.95 ea.
European Mt. Ash, 3-4 ft.	3.95 ea.
Red Flow. Dogwood, 2 ft.	7.95 ea.



AMERICAN REDBUD
4-5 ft. ... 1.98 ea. 10 for 19.00
The Redbud is often used as a specimen or to provide a high point in a shrub border. Branches are covered with small, pea-like, purplish pink blossoms before the foliage comes out in spring. Ultimate height 15 feet.



SILVER MAPLE
4-5 ft. ... 1.50 ea. 10 for 14.00
A very fast growing, soft wooded tree reaching a height of 50 to 60 feet. Leaves deeply cut and very attractive, being a silvery white underneath.



BURNING BUSH
1/2-1 ft.65 ea. 10 for 6.00
20 for 11.00 100 for 50.00
In the fall leaves turn a brilliant mirror bright crimson. A 4-5 ft. showpiece with unusual corky bark. Hardy in sun or partial shade.

SEMI-DWARF APPLES

We offer you eight of the most popular varieties of Semi-Dwarf Apples. They are the most productive tree and grow 12 to 15 feet tall. They give you more fruit per limb, more fruit per tree.
S.D. Red Delicious, 3-5 ft. ... 3.75 ea.
S.D. Stayman Winesap, 3-5 ft. 3.75 ea.
S.D. Jonathan, 3-5 ft. ... 3.75 ea.
S.D. Red Rome Beauty, 3-5 ft. 3.75 ea.
S.D. Golden Nugget, 3-5 ft. ... 3.75 ea.
S.D. Golden Delicious, 3-5 ft. 3.75 ea.
S.D. Grimes Golden, 3-5 ft. ... 3.75 ea.
S.D. Lodi, 3-5 ft. ... 3.75 ea.

Our plants are nursery grown from cuttings, seeds or budded stock unless otherwise stated. These have never been transplanted. Those marked with (*) asterisks mean they are collected from the wild state. Plants are inspected by the Tennessee Department of Agriculture. This gives you a chance to buy at lower prices. You may order as many or as few plants as you wish. Send \$2.50 extra with order for postage and packing. RUSH YOUR ORDER TODAY! TWO-WAY GUARANTEE: We ship live plants packed well to reach you in perfect condition. However, sometimes a package gets lost and stays in transit a long time. In this case, in the Fall and Winter when plants are dormant, you can scrape on the bark and tell whether the plants are alive or not. If the bark is green, it is alive. We believe we have the best guarantee any mail order nursery could possibly offer. Here is our two-way guarantee. First guarantee - When you receive your order, if there are any plants in bad condition, you notify us immediately and we will replace absolutely FREE. Second guarantee - The reason we make this strong guarantee is because there is no reason any of the plants should die. However, if any fail to live within 12 months from the date of delivery, we will replace for one-half of the original purchase price, plus \$1.00 for postage and handling. No return of dead plants necessary. We guarantee our plants to be true to name and color. Anything that proves to be wrong color or variety, we will replace free.

SAVAGE FARM NURSERY
P. O. BOX 125 IL McMinnville, Tennessee 37110



manager's report

by Robert E. Pendell, Manager

watts n

IREN SUPPLEME



The MCRC is quartered in this modern building in Macomb.

Rehabilitation center fills needs

McDonough County Rehabilitation Center, 900 South Deer Road, Macomb, receives three-phase service by your Cooperative.

James H. Starnes, president, and his board of directors and staff are providing vocational training, developmental training, counseling, employment, residential, evaluations, and referral services to individuals and families of McDonough County and west-central Illinois to enable them to reach their highest possible level of independence in the least restrictive environment. Any person, regardless of race, creed, color, national origin, or age, who meets program eligibility and can be expected to profit from these services will be provided services from the Center.

Children under the age of three who are high-risk, developmentally disabled or delayed may be provided a child/parent service. The staff of this program provides or arranges screening, assessment of the child's present skills, evaluations as needed involving speech, hearing, and physical development. Services are on a weekly or monthly basis with the parent and staff working on individualized activi-

ties with the child. Sharing centers are held monthly for parents and children to provide the opportunity to participate in group activities.

CASE COORDINATION

Case coordination provides residential placement services to developmentally disabled children and adults. For individuals who are placed in residential facilities in the two-county area, case coordination provides ongoing monitoring through monthly visits to the facilities and advocacy to assure appropriate provision of services and care.

Training developmental and vocational skills is offered to disabled adults to aid them in reaching the highest possible level of employment and independent living. Each client has a plan based on individual needs that establishes the direction of his program. Services offered during weekdays at the Center include vocational evaluation, family support, training and experiences in the areas of work, job seeking skills, independent living skills, physical therapy, therapeutic recreation, community awareness and socialization.

Job placement in the community is

a major objective for trainees attending vocational training at the Center. The job will depend upon the trainee's skills, attitudes, abilities, and the availability of employment sites. The program is designed to help trainees find a suitable position and to provide vocational guidance and followup for a minimum of one year after placement. Employers receive as many direct benefits from this program as do MCRC trainees. Employers are receiving pre-screened employees who have been trained in skills and who make good workers. Placement and staff assist employers with any tax and training benefits amounting up to \$4,500 for each employee.

PRODUCTS AND SERVICES

Production facilities presently provide wood, metal, and fabric products to customers. Machines are available to cut, shape, plane, sand, polish, drill, and thread various materials. The Center's truck, warehouse, loading dock, and equipment keep material handling costs to a minimum. A fine greenhouse complex provides seasonal and year round plant products locally and to a three state area. There are five different greenhouses producing approxi-

ILLINOIS RURAL ELECTRIC NEWS

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McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400**

mately one half million plants in various types and sizes. The humidity and climate control of the greenhouses are computer controlled. A standby-by generator is available if needed, to protect the many beautiful plants.

Services presently include commercial and residential cleaning and lawn care, complete vehicle cleanups and waxes, and small and large mailing services. Close cooperation of supervisor-trainers insures quality products and services for all customers.

SUPPORTED**LIVING ARRANGEMENTS**

In October 1979 the supported living arrangement began providing

residential services to developmentally disabled adults. These facilities provide individuals a natural home setting and encourages the development of independence, the acquisition of new skills and the self-confidence needed to move on to a more independent setting.

Families, children, and adolescents referred by other agencies are served through this program. Client goals include improving communication within the family and strengthening family/marital relationships. These goals can be met through group, individual, family or marital counseling.

These services are available not only

in McDonough County, but also into Warren, Henderson, Knox, Fulton, Schuyler and Hancock counties. Anyone who knows of someone who could benefit from these services should call 309-837-4876.

Staff at the rehabilitation center are available for presentations to service groups, clubs and classes. These presentations can be a general orientation to the Center or deal with a specific program. Contact McDonough County Rehabilitation Center to make arrangements.

**MCDONOUGH COUNTY
 REHABILITATION CENTER
 FOUNDATION**

During 1981 the board of directors executed a trust agreement creating the McDonough County Rehabilitation Center Foundation. The sole purpose of the Foundation is to provide an ongoing and independent source of income for MCRC. Special gifts, memorials and bequests are always gratefully appreciated for they have special meaning to the giver as well as the Foundation. The Foundation is organized to assist MCRC in its goal to provide a complete, comprehensive rehabilitation service to the residents. All donations to the Foundation are tax deductible.

The McDonough County Rehabilitation Center is a private, non-profit organization.

MCRC is accredited by: Commission on Accreditation of Rehabilitation Facilities and a member of the National Association of Rehabilitation Facilities, Illinois Association of Rehabilitation Facilities and National Council of Community Mental Health Centers.

The comprehensive, caring service provided at these facilities are a service to mankind. If you are not familiar with this type of facility, call for more information.

Statement of nondiscrimination

"McDonough Power Cooperative, has filed with the Federal Government a Compliance Assurance in which it assures the Rural Electrification Administration that it will comply fully with all requirements of Title VI of the Civil Rights Act of 1964 and the Rules and Regulations of the Department of Agriculture issued thereunder to the end that no person in the United States shall, on the ground of race, color, sex, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the conduct of its program and the operation of its facilities. Under this Assurance, this organization is committed not to discriminate against any person on the ground of race, color, sex, or national origin in its policies and practices relating to applications for service or any other policies and practices relating to treatment of beneficiaries and participants including rates, conditions and extension of service, use of any of its facilities, attendance at and partici-

pation in any meetings of beneficiaries and participants or the exercise of any rights of such beneficiaries and participants in the conduct of the operations of this organization.

Any person who believes himself, or any specific class of individuals, to be subjected by this organization to discrimination prohibited by Title VI of the Act and the Rules and Regulations issued thereunder may, by himself or a representative, file with the Secretary of Agriculture, Washington, D.C. 20250, or the Rural Electrification Administration, Washington, D.C. 20250, or this organization, or all, a written complaint. Such complaint must be filed no later than 180 days after the alleged discrimination, or by such later date to which the Secretary of Agriculture or the Rural Electrification Administration extends the time for filing. Identity for complainants will be kept confidential except to the extent necessary to carry out the purposes of the Rules and Regulations.

Illinois Farmers Union

Farm policy, politics and mortgage burning highlight meeting

There were several highlights at the Illinois Farmers Union's 32nd annual meeting during February in Springfield. For many, a tiny bonfire topped the agenda — IFU burned the mortgage on its six-year-old building at 40 Adloff Lane in Springfield.

Several speakers, including Governor James R. Thompson and gubernatorial candidate Adlai Stevenson, addressed the meeting.

Harold Dodd, IFU president; Cy Carpenter, National Farmers Union president, and Bob Bergland, general

not listening very well.

"They're getting rid of rural post offices," he said, "because they're not paying their way. They want to get rid of rural bus and rail service because they're not paying their way, and they also want to dismantle the rural electrification program. It's been one of the most successful federal programs ever, but the Administration wants to get rid of it, too. In fact, the Administration wants to do away with virtually every government program that has a favorable impact on the rural

backs of rural people," Bergland charged.

Ending on a hopeful note, he said the present farm crisis is man-made and can be unmade by policy changes. "The rural electric cooperatives are in a situation a lot like yours," he said, "and we want to work with you, to get a farm bill and a rural legislative package that we can all live with. We have the membership and the know-how. We pledge our support in that effort."

Dodd discussed his organization's



Rodell Beaty, left, and Harold Dodd burn the mortgage.



Charles Schone

manager of the National Rural Electric Cooperative Association (NRECA), among others, spoke.

"Rural people are going to have to work together if they want to preserve their way of life and prevent the destruction of the family farm," said Bergland, who added in praise of Dodd, "He does a good job in Washington, telling legislators what they need to be told. But," he added, "judging from the actions of the Reagan Administration, Washington is

way of life," he told his enthusiastic audience.

Bergland suggested that there is a reason for the desire to decimate the rural areas. "The Administration, which has doubled the deficit in the last five years," he said, "now wants to reduce the deficit at the expense of rural people. The strong dollar is beating us to death in the international markets, in effect imposing a 40 percent tax on exports. They want to put the burden of deficit reduction on the

efforts to get a good farm bill passed, the law that actually made it through the legislature and why a good bill failed.

"Senator Tom Harkin, an Iowa Democrat, introduced a mandatory production control bill," Dodd explained, "and it would have allowed farmers to determine their own destiny in productivity. A lot of people believe that a mandatory production control system amounts to putting the government in the cab of every tractor

Farm Materials Handling Show

Interested visitors, another large turnout of exhibitors and the excellent facilities of Rend Lake College combined in March to make for another successful Southern Illinois Farm Materials Handling Show.

Though the number of persons attending the three-day show was down somewhat from previous years, many exhibitors considered the crowd to be one of "quality rather than quantity." Show officials said visitors who turned out expressed a high level of interest in the exhibits and that attendance is expected to pick up as the rural economy regains strength and the show becomes more well-known in the new area (Rend Lake College is located about 12 miles south of Mt. Vernon, alongside Interstate 57). This is the second year for this site.

Some 54 businesses and organizations placed exhibits in this year's show, down 10 percent from the



The Illinois Farm Electrification Council exhibit is a show tradition and attracts a large number of visitors.

record number of 60 exhibitors several years ago.

Dates for the 1987 show were set for Tuesday through Thursday, March 9-11, at Rend Lake College. Royce

Carter of Wayne-White Counties Electric Cooperative, Mt. Vernon is exhibit chairman. Some eight Southern Illinois electric cooperatives help plan and produce the show.

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You can drill a water well in your backyard and have all the **FREE WATER** you need!

You can start a **HIGH PROFIT** well drilling business! (Over 4 million wells needed in 1986!)

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PLEASE HELP ME!

I want to find a church, civic, labor, or civil rights organization, business corporation, or individuals, who are willing to **GET INVOLVED** and help me with the governmental and political persecution that I have had to endure for sixteen years. Please write ... Harlan D. Thrasher, Rt. No. 1, Barry, Illinois 62312.

Planning to weatherize?
The booklet
HOME WEATHERIZATION
FOR LOWER-COST LIVING COMFORT
Can help.

For a copy, send \$2 to: Association of Illinois Electric Cooperatives, P.O. Box 3787, Springfield, IL 62708

NO NEED TO WEAR A TRUSS

THAT BINDS, CUTS, GOUGES, SLIPS

If you wear a Truss for Rupture, a post card with name and address will get you **FREE**, the complete Rice Plan of Reducible Rupture Control. Used daily by thousands who say they never dreamed possible such comfortable rupture protection. Safely blocks rupture opening without need for bulky trusses, gouging pad pressure. Regardless of how long ruptured, send your postcard today to W.S. Rice, Inc., Adams, N.Y. 13605. Dept 9V



manager's report

by Robert E. Pendell, Manager

Watts n

IREN SUPPLEME



Most of us don't give a thought to spending a dollar for a couple of cans of soft drinks. Do you know that for the same dollar, you can buy the energy to run a 1,500-watt portable heater for a comfort center for 12 hours?

Your electricity dollar— the many things it does for you

Have you ever thought about what you are getting for each dollar that you spend for electricity?

For just one dollar of electricity you can do any one of the following:

Kitchen — For \$1 you can:

- wash 11 loads of dishes, or
- brew 65 pots of coffee, or
- use an electric frypan 15 hours, or
- use a slow cooker for 56 hours, or
- use a toaster 101 times, or
- use a microwave oven 30 minutes a day for 16 days,

or

- use an element on the range 30 minutes a day for 12 days, or

- use the oven for two hours, or
- clean your "self-cleaning" oven almost two times

Food preservation — For \$1 you can:

- cool an upright freezer for 38 hours, or
- cool a chest freezer for 75 hours, or
- cool a frostfree refrigerator for 40 hours

Laundry — For \$1 you can:

- dry four loads of clothes, or
- wash 44 loads of clothes

General household — For \$1 you can:

- use a 75-watt bulb for five hours a night for one month, or
- run an electric clock for eight months, or

- heat 50 gallons of water

Heating — For \$1 you can:

- use an electric blanket for 19 nights, or
- use a heat lamp for 44 hours, or
- use a 1,500-watt portable heater for 12 hours, or
- use a water bed heater for 56 hours

Health and beauty — For \$1 you can:

- use a blowdryer to fix your hair once a day for 86 days, or
- use a curling iron, heating pad, massager, shaver or electric toothbrush for over one year

Entertainment — For \$1 you can:

- watch a color TV four hours a night for 11 nights, or
- listen to the stereo three hours a day for 24 days

Miscellaneous — For \$1 you can:

- run a one horsepower motor for 11 hours, or
- run a sump pump for 14 hours, or
- use an engine block heater for six hours

Is the price worth the convenience? We think it is. What else can make your work as easy and do it as cleanly and efficiently as electricity?

Only you and your family can decide if the convenience is worth it to you. Remember though, you are saying "yes" everytime you buy an electric appliance or flip a switch.

Information based on IFEC (Illinois Farm Electrification Council) Fact Sheet Number 5 (Home appliances — Control your costs) and electricity at 9 cents per kilowatt-hour.

W

DIRECTORS
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 Kenneth Moore, Vice-President
 Wade Blansett, Secretary
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 Thomas Curtis
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 Bill Pollock
 John D. McMillan, Attorney

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Calculating state tax change

Shown below is the information needed to calculate your electric bill with the recent change in utility tax. Rather than paying 5 percent of your total dollar amount, you now pay .0032 cents per kilowatt-hour.

You do not pay tax on customer charge or your monthly charge for use of a security light.

Customer charge	\$ 6.50
First 1,000 kwh, 5.1¢ @	51.00
Purchased Power & Additional Cost, (PPAC) (Changes monthly)	
Per kwh (March PPAC) .03394.	33.94
	\$91.44
Tax .0032¢/kwh	3.20
TOTAL BILL.	\$94.64

With the 5 percent state utility tax, our members would have paid \$1.37 more in tax on this bill.

Post-dated checks unacceptable

McDonough Power Cooperative cannot accept postdated checks to be held and deposited at some later date.

The large number of payments handled on a daily basis makes it impractical to give special handling to certain payments. Also, following special handling instructions for certain payments involves additional expenses.

Moreover, our auditors recommend that all payments be deposited promptly.

Please do not send postdated checks to your Cooperative as all checks are deposited promptly and, if a check is returned by a bank due to being postdated or due to insufficient funds, there will be a \$5 additional charge passed on to you. After the second insufficient funds check has been recorded, the Cooperative can no longer accept your check. Payment must then be by cash or cashier check.

If you mail your payment, please mail it early enough to be certain it will be in the office not later than the 17th of the month.

1985 patronage refund factor

The by-laws of the Cooperative state that the Cooperative shall pay patronage refund to each member, all such amounts in excess of the amounts needed to establish general reserves. This amount shall not be less than 15 percent nor more than 20 percent of the total utility plant in order to pay actual patronage refunds.

Patronage refunds have been paid to all members through

the year of 1964.

The patronage refund factor for the year of 1985 is .007274 percent. This percentage factor is multiplied times the amount of revenue you paid the Cooperative for electricity during the year of 1985. This amount is assignable only on the books of the Cooperative for the year. No actual payment would be made as the reserves do not meet the above mentioned percentages at this time.

If you wish to know what amount is assigned your account, please get in touch with the Cooperative.

Tornado weather in Illinois

Illinois ranks eighth in the nation for the average number of tornadoes reported each year. Advanced weather forecasting and early warning systems have helped reduce tornado fatalities since the 1950s. Knowing what to do when a tornado approaches can mean the difference between life and death.

Tornado watch means tornadoes are expected to develop.
Tornado warning means a tornado has been sighted.

When a tornado warning has been issued, you should take shelter, listen to local weather forecasts and postpone outside activities.

The safest place to be when a tornado strikes is in an underground shelter, such as a basement or storm cellar. But a sturdy piece of furniture can provide some protection. Often, getting under a sturdy table could save a life.

In schools, the best tornado shelter is an interior hallway on the lowest floor.

When a tornado approaches, you should keep windows slightly open, but stay away from them. Opening windows can equalize the pressure in a building and may help to deter damage.

SEPT E M B E R

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Cooperative's Annual Meeting
 Tuesday, September 2
 Fellheimer Auditorium

MISSING



DANYEL LOU SPARPANA

LAST SEEN: 11/2/85 EYES: Blue
 FROM: Woodland, CA HEIGHT: 3'
 DOB: 6/23/82 WEIGHT: 40
 WHITE FEMALE HAIR: Blonde



KELLY HOLLAND, JR.

LAST SEEN: 2/13/82 EYES: Blue
 FROM: Larkslane, KY HEIGHT: 4'
 DOB: 11/17/75 WEIGHT: 60
 WHITE MALE HAIR: Brown

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

1-800-843-5678

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

-Safety Tip of the Month-

Make a mental note of the clothes your child wears EVERY DAY. Avoid putting your child's name on clothes or books. Children may respond to a dangerous person who calls them by name.

© National Child Safety Council 1985 • All Rights Reserved • LITHO USA

If you want to personally help end this national tragedy, or need additional information, please call:

1-800-222-1464



The Metropolitan Guild For Collectible Art Issues An Original Masterwork



Made Entirely in U.S.A.

WING SPAN OVER 6"

The GOLDEN EAGLE

- Strict Limited Edition
- OVER 1,000 FEATHERS
 each layered in PURE 24K GOLD
- Collectors Item

OFFICIAL
 ISSUE PRICE

\$19⁹⁵

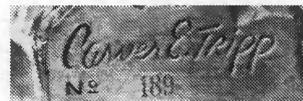
The Metropolitan Guild for Collectible Art has commissioned nationally renowned sculptor Carver Tripp to create a sculpture that captures the raw power and winged majesty of the American Eagle... The artist has meticulously carved over 1000 feathers onto the body of "The Golden Eagle". The wings open gracefully to a span of 6 inches and each feather is layered in pure 24K Gold.

"The Golden Eagle" is engraved with the artist's authentic signature and each piece is individually numbered. Each statue is accompanied by an OFFICIAL CERTIFICATE OF REGISTRATION.



CARVER EDWARD TRIPP

Carver Tripp developed a love of art early in life. He nurtured this special talent by studying with some of the world's finest teachers. He has created many beautiful pieces, but even he admits the Golden Eagle "... has its own magic!"



Individual serial number and authentic signature.



CALL 24 HOURS A DAY
 7 DAYS A WEEK

CREDIT CARD ORDERS
 CALL TOLL FREE

1 800-453-4000

Golden Eagle Offer Dept. GF 43

STRICT LIMITED EDITION*

On JULY 4, 1987, the original Tripp molds will be destroyed and no more sculptures will be created. Collectors Note: the lower serial numbers will ship first; therefore it is important to reserve your statue now. Each statue comes with an unconditional money back guarantee.

THE METROPOLITAN GUILD

The Metropolitan Guild for Collectible Art now offers you a unique opportunity to own limited edition works of art. We have commissioned renowned artists from around the world to create these one of a kind masterpieces. Our works of art are individually numbered, engraved with the artist's signature and produced in strictly limited editions; thereby ensuring their continued value.

THE METROPOLITAN GUILD DEPT. GF 43
 175 Fifth Avenue, New York, N.Y. 10010

Please send me "GOLDEN EAGLE"(S)

Each only \$19.95 plus \$2.00 shipping & handling
 N.Y. Resident Add Sales Tax

I enclose Check Money Order
 Please Charge my: Mastercard Visa Am Ex
 # _____ Exp. Date _____

Name _____

Address _____

City/State _____ Zip _____

Legislators to agriculture leaders: we're working to help

Much of the Illinois agriculture economy is on shaky ground, but the Illinois Legislature is working to change that, those attending the Illinois Agriculture Legislative Breakfast were told.

The gathering, held April 5 in Springfield, is an annual event that provides an opportunity for members of the state's agriculture commodity groups to visit with their lawmakers. Some 60 farm-related organizations, including the Association of Illinois Electric Cooperatives, sponsored the event.

With the farm economy in the doldrums, many legislators had a chance to hear from the people back home, and the speakers, each of whom spoke briefly, told their audience that they are aware of the problems on the farm and are working diligently to help solve them.

Governor James R. Thompson noted that his administration is continuing its efforts on behalf of the state's premier industry, pointing out that foreign compe-

titution is rough and getting worse.

"Illinois farmers face the latest technology from across the seas. Some of the competition we face now is a result of aid we've sent to other countries, or it comes from countries we used to export to. They now have the advantage of cheap land, cheap labor and shorter distances to transport their goods.

"While the deck seems stacked against Illinois agriculture — and other American farmers — we cannot just give up.

"We can't just abandon our efforts. We need to keep our Food for Century III efforts going, to find new ways to add value to our products, through processing, before we ship them. And we need to develop better seed and new crops. If we can't do anything to raise prices, maybe we can do something to lower costs. When you visit with your legislators, be sure to thank them for their support — they really deserve it," the governor concluded.

MISSING



CHRISTI DIANNE PROCTOR

LAST SEEN: 2/15/86 EYES: Blue
FROM: Dallas, TX HEIGHT: 4'10"
DOB: 2/29/76 WEIGHT: 75
WHITE FEMALE HAIR: Brown



JEREMY JAMES GRICE

LAST SEEN: 11/22/85 EYES: Blue
FROM: Bath, SC HEIGHT: 3'8"
DOB: 5/12/81 WEIGHT: 40
WHITE MALE HAIR: Blonde

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

1-800-843-5678

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

-Safety Tip of the Month-

Be sure your child knows what to do if you become separated. If separated while shopping, your child should not look for you, but go immediately to the nearest clerk and ask for assistance.

© National Child Safety Council 1985 • All Rights Reserved • LITHO USA

If you want to personally help end this national tragedy, or need additional information, please call:

1-800-222-1464

"Easy to Use!"

WATER WELLS FOR EVERYONE!

Check one or both boxes for information and mail today!

You can drill a water well in your backyard and have all the **FREE WATER** you need!

You can start a **HIGH PROFIT** well drilling business! (Over 4 million wells needed in 1986!)

Our 25th Year 1961-1986

depths to 200'

depths to 500'

VIDEOTAPES AVAILABLE

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CALL TOLL FREE
1-800-821-7700
(Ask for Operator 5028)

Print Name _____

Address _____

City/State/Zip _____ Phone _____ 5028



manager's report

by Robert E. Pendell, Manager

Watts n

IREN SUPPLEME



What's missing from this meter?

The seal on your meter is a lock and, even though you may not have regarded it as such, it is a utility lock placed on each meter by your Cooperative. It operates the same as the lock on your door and is put there as a protection both to you as a member-owner and to the Cooperative. Breaking the seal is the same as breaking a door lock and, in addi-

tion, is extremely dangerous — serious injury or electrocution could result if contact is made with the wiring at the meter.

If you need to break a meter seal, whatever the type or whatever the purpose may be, do not do it yourself. Meter seals are not to be removed by anyone other than authorized Cooperative personnel. Call the Cooperative office and explain the situation to us. We will make the necessary arrangement to remove the meter so that the needed work can be done. No one has the authority to break a meter seal other than Cooperative personnel.

Should you need a meter removed to install siding, redo wiring, or for any other purpose, please contact the Cooperative office and allow us ample time to schedule the necessary work and to get there when you need us.

All electric meters of your Cooperative, regardless of its location, must have a meter seal. Should the seal be broken on your meter installation, please contact the Cooperative at your earliest convenience. A meter seal is a lock and must not be tampered with, broken, or destroyed.

Your Cooperative is a nonprofit organization owned and controlled by you, its members. Your Cooperative purchases its electricity from a power supplier and passes it on to members through its distribution system and you pay the real cost of providing electric service.

When your Cooperative's personnel observe a meter without a seal or with a broken seal, corrective action must be taken. We need your help. Again, if the seal under your meter is missing or broken, please notify your Cooperative office. Should you observe other meters that appear to have been tampered with, please contact the cooperative immediately.

Think about it — a meter seal is a lock and must not be tampered with. Your cooperation in this regard will be appreciated.



The Cooperative office will be closed Monday, May 26, in observance of Memorial Day, and Friday, July 4, in observance of Independence Day.

W

DIRECTORS
 Donovan Lawyer, President
 Kenneth Moore, Vice-President
 Wade Blansett, Secretary
 Harold Anderson, Treasurer
 Howard Butler
 James Conley
 Thomas Curtis
 Lyndall Pigg
 Bill Pollock
 John D. McMillan, Attorney

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Are you planning a new service?

If you are planning the addition of a crop dryer which will require a new service installation or revamping of your existing service, please notify your Cooperative prior to July 1 so proper scheduling of the necessary construction can be accomplished. Applications for crop drying service received after July 1 may not be completed by harvest time.

Outage reporting

When reporting an electric service outage, be sure to give your location number and the name in which the account is billed, along with your telephone number. Also, report if your neighbors are without power. This will expedite dispatching of servicemen in restoring your service. Call 837-1400

Make sure air conditioner is properly sized

It is important to select the proper size room air conditioners.

If it is not sized properly, you may not be getting the cooling efficiency or the dehumidification that you need.

The chart shows a simplified way to figure how much BTU air conditioning capacity you need. All you need to know is (1) the size of the room, (area in square feet), (2) whether the ceiling of a room under the attic is insulated, (3) location of the room either up or downstairs, and (4) the direction the room faces.

On the top floor, additional cooling is required to offset the heat absorbed through the roof unless properly insulated. Further, rooms exposed to the west will get the sun when it is hottest.

After determining from the chart the BTU capacity needed, select the air conditioning unit size closest to, but not smaller than, the BTU capacity needed. Units usually are designed with capacities of 4,800, 5,000, 5,200 BTU's, etc.

For efficiency, don't forget to check the energy efficiency ratio (EER). On the nameplate you will find the BTU capacity and the watt rating. Divide BTU's by watts and buy the unit that gives the highest answer.

The higher the number, the more efficient the air conditioner. If the answer is seven or more, it is very efficient.

1. Determine the wall with maximum outdoor exposure (West Maximum and North Minimum).
2. Which factor exists:
 - a. Ceiling under occupied room or insulated ceiling under attic.
 - b. Uninsulated ceiling under attic.
3. Size of room — length X width: (sq. ft.) This is your key number.
4. Take your key number and find the closest figure to this in the appropriate column. The BTU column, above, will indicate the estimated BTU's cooling capacity required to cool your particular room.

ROOM AIR CONDITIONER SELECTION GUIDE

BTU's	WEST		SOUTH		EAST		NORTH	
	Ceiling under occupied room or insulated ceiling under attic	Un-insulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Un-insulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Un-insulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Un-insulated ceiling under attic
33,000	1,740	1,000	1,820	1,050	1,920	1,090	2,150	1,230
22,000	1,440	830	1,510	870	1,590	900	1,785	1,010
18,000	860	510	920	540	970	560	1,060	620
16,000	750	440	820	470	860	490	950	545
14,000	620	370	680	390	720	410	790	450
12,000	470	285	530	305	570	325	625	355
10,000	365	205	360	225	390	235	425	260
8,000	230	140	250	160	290	185	330	210
7,500	170	125	220	140	240	160	280	180
5,000	130	90	145	100	170	110	180	110



Above: Representatives of the three member-systems of SIPC follow in the annual report as treasurer Harold I. Dycus makes his report. Below: David Ramsey (left) of Omaha talks with Brandon Jackson, REA general field representative.

Another good year for SIPC

Use of electricity throughout the three member-systems of Southern Illinois Power Co-operative (SIPC) was up by 4.1 percent in 1985, the greatest year-to-year increase since 1978.

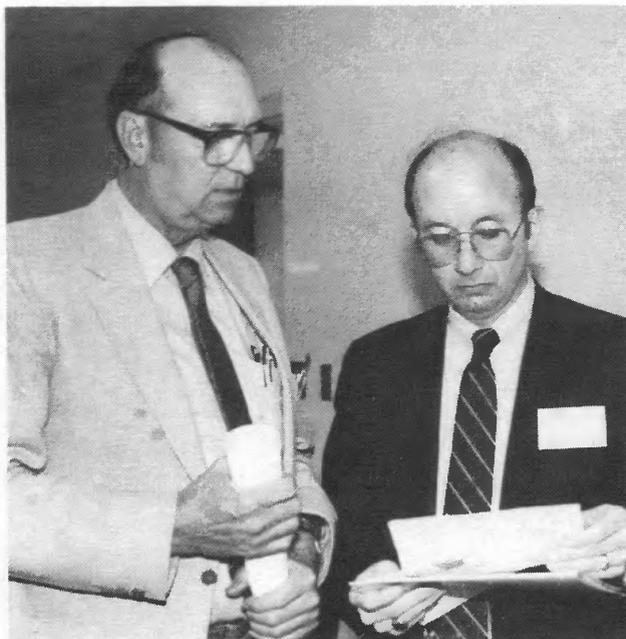
Reporting to representatives of the member-cooperatives during SIPC's annual meeting March 27 at the Lake of Egypt headquarters

near Marion, officers and management said the total sales to member-cooperatives exceeded 700,000 megawatt-hours (mwh) for only the second time in the cooperative's history. Board president Guy Casper of Cypress and executive vice president and general manager Jim Chapman said in their combined report that 1985 sales totalled 701,264 mwh compared to 1980's record of 702,178.

"The year 1985 was another good year for Southern Illinois Power Co-operative," they said, noting that 1985 marked the third consecutive year in which purchases by the three member-cooperatives had increased, following slight decreases for two years.

The three member-systems of SIPC are Egyptian Electric Cooperative Association, Steeleville; Southeastern Illinois Electric Cooperative, Eldorado, and Southern Illinois Electric Cooperative, Don-gola. They serve about 37,000 meters in a block of 19 Southern Illinois counties.

In 1985, the cooperative continued to purchase coal at a price



Two cooperatives select managers

Spoon River Electric Cooperative, Canton, and Menard Electric Cooperative, Petersburg, have selected new managers.

Gregory A. Campbell has been named executive vice-president and general manager of Spoon River.

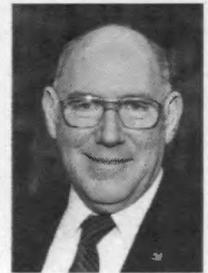
Campbell has been on the Spoon River Electric staff since March 1983. He was promoted to assistant

manager in March 1985. He assumed the position of acting manager last November following the retirement of William H. McCamey.

Campbell was raised in Canton and is a graduate of Canton Senior High School and Northern Illinois University, DeKalb. He served in the U.S. Army and is a veteran of the Vietnam war. He worked for Consolidation Coal Company and, prior to coming to Spoon River Electric, Campbell was personnel director at



Campbell



Smith

Peace River Electric Cooperative in Wauchula, Florida.

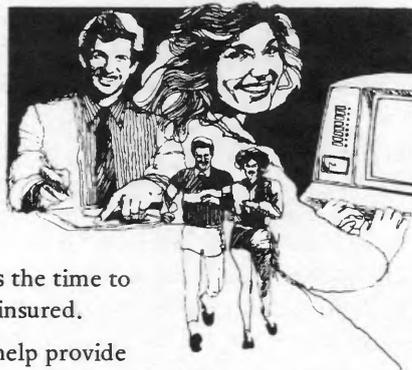
Dorland W. Smith is the new manager of Menard. He was named to the post May 19. Smith has been employed by Menard Electric Cooperative since 1958, serving as power use adviser, data processing supervisor and staff assistant.

Smith fills the vacancy created by the retirement of John Root, who retired from Menard Electric after more than 20 years of service.

Smith is a native of Laporte County, Indiana. He attended Western Illinois University and was graduated from the University of Illinois at Champaign with a bachelor of science degree in agricultural engineering.

Healthy, Wealthy and Wise!

It makes good sense to protect your assets, and your health is one of your most valuable assets of all. Your good health enables you to work and provide all the things you and your family need.



Now, while you're healthy, is the time to make sure that you're properly insured.

By planning ahead, you can help provide a financially secure future for your family, even when serious illness or injury strikes.

The following plans are available for electric cooperative and telephone cooperative members:

- Disability Income Protection • Major Medical Protection
- Cancer Cost Supplement • Mutual Care (for those 65 and over)
- Catastrophic Hospital Coverage • Life Insurance
- Basic Hospital Coverage with Maternity Coverage

These plans are underwritten by Mutual of Omaha and United of Omaha and available at Association Group rates.

If you'd like to know more, just fill out and mail this coupon.



People you can count on...

Life Insurance Affiliate:
United of Omaha
Mutual of Omaha
Insurance Company
Home Office:
Omaha, Nebraska

Illinois Rural Electric Cooperative Insurance Plan
Mutual of Omaha Insurance Company
Mutual of Omaha Plaza, Omaha, NE 681 31

Please see that I receive full details on the plans available to me as an Illinois Electric Co-op member.

- Income Protection Hospital Life
 Mutual Care Cancer Major Medical

Name _____

Address _____

City _____ ZIP _____

Phone _____

Name of Co-op _____

BACKYARD GARDENERS

At Last! A Small Tiller That Works!



Forget about big, clumsy, yank-you-along tillers forever!

The Mantis tills a sensible 6" to 9" wide (not 20" or more like big tillers). Mantis weighs just 20 lbs. (not 200 to 300 lbs.). Mantis' tines go through tough soil like a

chain saw goes through wood. No jerking . . . no yanking you along . . . and Mantis turns on a dime! Put the fun back in gardening.

©MMC 1986

3-WEEK IN-YOUR-GARDEN TRIAL!



Mantis Manufacturing Co.
1458 County Line Rd. Dept. 1010
Huntingdon Valley, PA 19006

Please send more information.

Name _____

Address _____

City _____

State _____ Zip _____



manager's report

by Robert E. Pendell, Manager

Watts n

IREN SUPPLEME

Nominating committee will meet July 7

Members of the 1986 nominating committee have been appointed by the McDonough Power Cooperative's board of directors. The committee will meet at the Holiday Inn, Macomb, Monday, July 7, at 7 p.m. to nominate candidates for election to the board of directors at the 1986 annual meeting of members to be held September 2 at the Fellheimer Auditorium.

Appointments to the committee are as follows:

District 1 (composed of the west half of Scotland Township and east half of Chalmers Township in McDonough County): Jerry Lieber, 1252 Rebecca Lane, Macomb, and Gene Beck, Route 4, Macomb.

District 2 (composed of all of Lamoine, Bethel, and Industry townships in McDonough County and parts of Brooklyn, Littleton and Oakland townships in Schuyler County): Steve Terstriep, Route 1, Industry.

District 3 (composed of all of Hire, Tennessee, Colchester and the west half of Chalmers townships in McDonough County and parts of Fountain Green and Hancock townships in Hancock County): Calvin Moore, Route 2, Colchester, and Sheridan Miller, Route 2, Colchester.

District 4 (composed of all of Blandinsville, Sciota and Emmett townships in McDonough County): Bob Kline, Route 4, Macomb.

District 5 (composed of the east half of Scotland and all of New Salem, Eldorado and Mound townships in McDonough County and part of Harris, Farmers and Vermont townships in Fulton County): James Garrison, Route 2, Marietta.

District 6 (composed of all of Macomb, Walnut Grove, Bushnell and Prairie City townships in McDonough County and part of Lee in Fulton

County): Kenneth D. Morrow, Route 1, Good Hope.

District 7 (composed of all of Raritan, Point Pleasant, Swan Creek, Greenbush and Media townships in McDonough County): Stuart Mayhew, Route 1, Roseville, and Irvin Sprout, Box 624, Roseville.

District 8 (composed of all of Biggsville, Tompkins, Ellison, Roseville, Lenox, Monmouth and Spring Grove townships in Warren County): Ted Munson, Route 1, Monmouth.

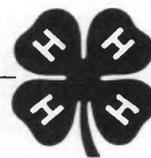
District 9 (composed of Kelly, Coldbrook, Floyd and Berwick townships in Warren County and parts of Galesburg, Cedar and Indian Point townships in Knox County): Gene Youngquist, Route 1, Cameron.

The bylaws of the Cooperative provide that nominations to the board of directors may be made by: (1) nominating committee, (2) petition signed by 15 or more active members, petition must be received at the principal office of the Cooperative at least 30 days before the meeting, or (3) nominations can be made from the floor.

The terms of directors from districts 1, 3, and 7 expire this year. Directors presently serving on your board of directors are: District 1, Wade Blansett; District 2, Donovan Lawyer; District 3, Bill Pollock; District 4, James Conley; District 5, Lyndall Pigg; District 6, Kenneth Moore; District 7, Harold Anderson; District 8, Howard Butler, and District 9, Tom Curtis.



McDonough County



4-H and Junior Fair

Support the youth of McDonough County and attend the 4-H and Junior Fair at the 4-H Center west of Macomb on Highway 136.

All Junior show entries and 4-H livestock entries due July 1. Junior show is open to all youth ages 8 to 19 who live in McDonough County or attend school in McDonough County. Entry forms available at 4-H Center.

MONDAY, JULY 14

5-8 p.m. — check in 4-H projects in auditorium.

5-10 p.m. — check in livestock projects

TUESDAY, JULY 15

9 a.m. — 4-H projects in auditorium judged

10 a.m. — 4-H sheep judging

1 p.m. — 4-H dairy judging

1:30 p.m. — 4-H dairy goat judging

6 p.m. — 4-H cat show

6 p.m. — 4-H dog show

7 p.m. — 4-H style show and trophy presentation

9-11 p.m. — 4-H dance

WEDNESDAY, JULY 16

10 a.m. — 4-H swine judging: Continued into p.m.

2 p.m. — Horse show

7 p.m. — Entertainment; to be announced.

THURSDAY, JULY 17

10 a.m. — 4-H beef judging: Continued into p.m.

4 p.m. — All projects released, Junior show premium checks ready for distribution

DIRECTORS

Donovan Lawyer, President
 Kenneth Moore, Vice-President
 Wade Blansett, Secretary
 Harold Anderson, Treasurer
 Howard Butler
 James Conley
 Thomas Curtis
 Lyndall Pigg
 Bill Pollock
 John D. McMillan, Attorney

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Be aware of electric 'peaks'

You can help control rising power costs!

Do you ever stop to think about what you're paying for when you write out the check for your monthly electric bill? Did you know that a good percentage of that bill goes to meet the "peak" energy demand of your electric cooperative?



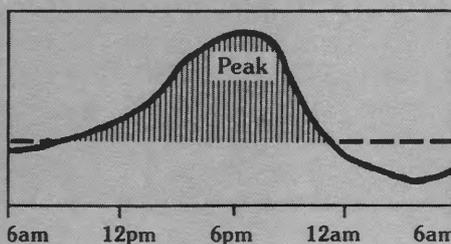
The energy "peak" periods are the one or two times per day when consumers' use of electricity is the highest. The highest peak comes early in the evening on the hottest or coldest day of the year when electric cooperative members across the state come into the house, prepare dinner, turn up the air conditioning or the heat, depending upon the season, and use electric appliances, lights and hot water . . . all at about the same time.

Your cooperative needs enough generating capacity to meet the demands of members during these annual peaks. Your cooperative must pay for the fixed costs of this power generation system designed to meet peak

loads, even though electric demands are lower during much of the year. For some cooperatives, over half of the cost of wholesale power is demand-related. So by reducing peak demands, your cooperative can reduce its fixed costs paid for wholesale power supplies.

In other words, if all cooperative members do their part to "hold down" the peak, the price of electricity can be controlled.

What can you do to help?



SEPTEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

ANNUAL MEETING
 September 2, 1986
 Fellheimer Auditorium
 Macomb

How microwave ovens work

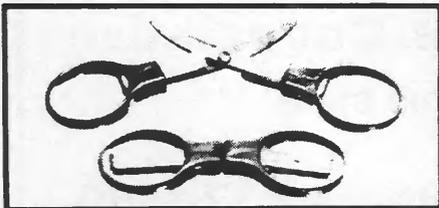
Microwave ovens are becoming more popular each year. They are energy- and time-efficient means of cooking. In the summer they are especially helpful because they do not heat up a house, as do conventional ovens.

Microwaves are electromagnetic waves, just as are radio and TV signals. In an oven, microwaves are produced by an electron tube called a magnetron. They are used in cooking because they are absorbed by food. Microwaves heat food by moving molecules. They bounce back and forth within the metal interior of the oven until they are absorbed by food. As they bombard the food they agitate molecules. Agitation causes friction as the molecules rub and bump into each other at an accelerated rate. It is actually water molecules that vibrate, so food high in water content, like fresh vegetables, cooks quicker than other foods.

The federal Food and Drug Administration sets performance standards for microwave ovens. They specify that no more than five milliwatts per square centimeter of microwave radiation leakage may occur any time during the life of the oven. Leakage is measured at two inches (five centimeters) from the surface of the oven. In recent tests of many current models, Consumer Reports found that leakage did not exceed 0.5 mw/cm² in any oven — well below the safety standards.

Office closing

The cooperative office will be closed Friday, July 4, in observance of our nation's independence.



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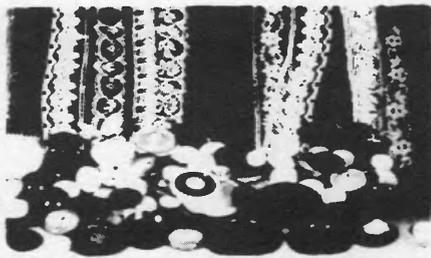
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LACE LADY 1602 Locust St. Dept. BL-959 St. Louis, MO 63103

After you leave the hospital, what then?

Recovery from some accidents or illnesses require more care than your family can provide. More and more doctors today are recommending the care of a skilled nursing facility. But your hospitalization insurance or Medicare may not cover care in a skilled nursing facility — even if your doctor prescribes it.

CNA's Skilled Nursing Facility Plan for people age 60 and older could be the answer.

It provides benefits in addition to Medicare or any other insurance you may carry that can be paid directly to you. There is no limit to the number of times you can receive benefits, and these benefits will not be reduced because of age. Find out more about CNA's Skilled Nursing Facility Plan. Complete and mail the coupon below, or call: 217-529-9275 Collect

The skilled Nursing Facility Plan is underwritten by Continental Casualty Company, one of the CNA Insurance Companies

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work with. At 40 degrees F or so, an air-to-air heat pump would do an excellent job for you. At 20 degrees, it isn't exactly a bargain, and as the temperature plummets, efficiency drops sharply.

Closed-loop, groundwater heat pumps were designed to correct these problems, and they do a very good job.

They use water from a pipe grid buried in the yard — or a well — to constantly bring in water at about 50 degrees F, which the new, sturdier heat pump concentrates and shunts into the house during the winter. In summertime, the process is reversed, and the unit moves heated air out of the house and puts it back into the grid, to warm the house next winter.

You need to be careful to build enough of a grid to warm your home

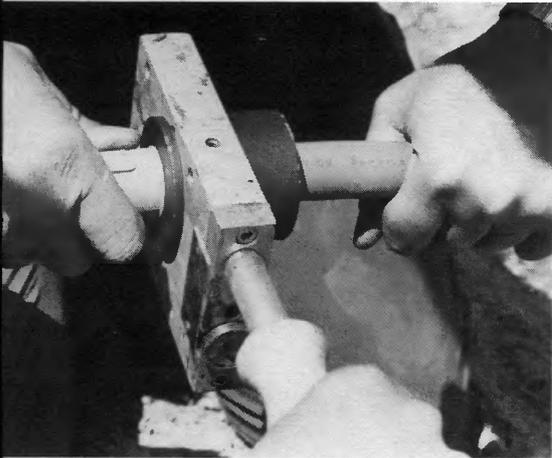
all winter, but not too much, or you'll be wasting money. There's no benefit to overdoing it.

"It depends on the soil," says Alfred Toennies who, with his sons Randy and Mark, installed the Water Furnace heat pump at the Hempens' home. "We dug down here and found that the ground was pretty dry," he adds, "so we decided to put in a grid made up of 1,500 feet of pipe. If the soil were better, 1,200 feet would have been enough. And you want to have good soil contact with the pipe once it's buried, and the grid should be far enough beneath the surface that the temperature doesn't fluctuate."

The Hempens' grid is laid one pipe above another, the lower one at five feet, the other two feet above it. The house, which John is building himself, "with a lot of help from friends and relatives," is well insulated, but is not a super-insulated unit. It has an inch of urethane foam on the outside, three and one-half inches of fiberglass in the stud cavities, and a carefully built vapor barrier. His brother, Dennis, is doing the wiring, and, Joanne says, "We're going to have plenty of outlets."

Their house, while carefully insulated, has no special or unusual features that would make it extraordinary, so it will be a good test of the system.

Clockwise from below, Randy and Mark Toennies discuss the installation. With good earth contact such an important part of the operation, backfilling is done very carefully. A hand-held, electrically operated machine is used to splice pipe ends to prevent leaks.





manager's report

by Robert E. Pendell, Manager

watts n

IREN SUPPLEMENT

Meter reading an important member responsibility

Here are excerpts from the Cooperative rules and regulations on meter readings and responsibilities of the member. Each month many letters are mailed to members asking for their meter reading when they have not recorded it on the billing stub. If a member does not send a meter reading for three months, the Cooperative goes to the premises and obtains a reading, for which the member is charged \$22.

BILLING: Energy bills are mailed so that consumers should receive them on or about the fifth of each month. Present meter readings are to be entered on the return stub and returned to the Cooperative office with the energy payment. In the event no reading is received, an estimated bill will be rendered. Energy bills are due and payable when presented. Payment should be made within 12 days. If payment is not received by the 17th

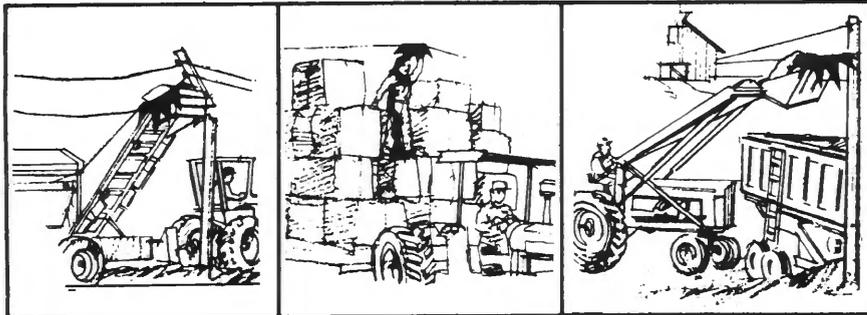
or due date printed on card, gross amount will be charged. Consumer will be allowed one waiver of the 5 percent additional charge on bills not paid within the net payment period, once in each half calendar year.

METER READING: The consumer shall furnish the Cooperative a valid meter reading each month. When a consumer does not furnish a valid reading for three consecutive months, Cooperative personnel will go to the premises, read the meter, figure the bill, and collect or disconnect service. The consumer will be assessed labor and overhead expenses for this service. Any month thereafter the Cooperative will read the meter when a member fails to submit a valid reading, and assess such fee as adopted.

COLLECTION OF OVERDUE ACCOUNTS: If full payment has not been received in the Cooperative office by 8 a.m. of the date shown on notice, an employee will be sent to collect the total amount of the bill, plus labor, overhead expense and collection charge. If service is disconnected for non-payment, an additional charge for labor and overhead expense will be made for reconnecting the service during regular working hours and labor at double time for overtime hours, weekends and holidays.

A security deposit will also be assessed for accounts not paid in full by the due date. A security deposit will be set as described in deposit (energy) and collected as follows: one-fourth on day of collection, in addition to member's payment on collection charge, one-fourth added to the consumer's bill for each of the three succeeding months.

CONNECT CHARGE: A charge of \$10 will be assessed for each connect made by the Cooperative. If connected during overtime, weekends or holidays, the overtime charges will apply.



Energized vehicle — what to do

If a tractor or piece of equipment hitched to the tractor should contact an overhead line, the tractor and the equipment become energized. However, the driver of the tractor and any riders are usually safe from electrocution as long as they remain on the unit. Rubber tires may partially insulate the tractor and equipment from the ground, possibly preventing completion of a good electric circuit.

Should you find yourself in this situation, or witness someone else in a similar circumstance, be sure that no attempt is made to leave the tractor until help arrives from your local cooperative or a qualified rescue

squad. Be sure to keep other persons from contacting any part of an energized tractor or equipment. Avoid touching the tractor with any metal or other conductive object.

If unusual circumstances demand immediate evacuation from the tractor, the individual must jump clear of the energized unit, making sure no part of the body contacts the ground and the unit at the same time. Be especially aware of parts of the equipment extending away from the main unit. Even a momentary contact, making a circuit to ground, can mean a fatal injury. These same precautions apply to an energized automobile.

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McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400**

Excessive heat, moisture will damage your home

When the summer sun beats down on a roof, attic temperatures soar to as much as 150 degrees F. Some heat penetrates through attic insulation and into living space below, increasing the air conditioning load. This transfer of heat is referred to as heat gain. The greater the difference between attic temperature and living area temperature, the larger the heat gain.

The power roof ventilator is designed to keep the attic temperature down so the heat gain will be less. The roof ventilator mounts in the roof or in the wall at the gable end. The power unit and fan are located inside a metal or vinyl shell on the roof. An adjustable thermostat is located in a four-inch junction box at the end of the electrical "pigtail" out of the fan motor. This thermostat is usually set at 110 degrees F. The thermostat has a 15 degree swing in temperature. This means that when the attic temperature reaches 100 degrees, the fan will start to exhaust the attic air and at the same time pull in the cooler outside air. When the attic temperature reaches 95 degrees, the unit goes off until the attic temperature again reaches 100 degrees, which starts the cycle all over again.

With the installation of a power roof ventilator homeowners find that air conditioners that ran continuously during peak cooling requirements now cycle and still provide the desired comfort level. Quite often it eliminates some early and late season air conditioning requirements. If the air conditioner runs less, the life span of expensive air conditioning equipment is extended.

Power roof ventilators come in varying capacities. The recommended

volume of air movement is 10 air changes per hour or a minimum of 0.7 cubic feet per minute (cfm) per square foot of attic floor area. For a black roof, 20 percent should be added to the capacity of the ventilator.

The most popular size power ventilator is rated at 1,400 cfm which will suffice for up to 2,000 square feet of attic area. For the 1,400 cfm unit, the minimum of 300 square inches of inlet vent area is required to keep from overloading the fan motor. Soffit vents are best since they are low and shaded.

The power roof ventilator may also be equipped with a humidistat to control moisture conditions during the



Blinking lights and the OCR

Have you ever noticed your lights blinking during a storm?

We know some members have, because they have asked questions about it in the past. Well, those blinking lights mean that the oil circuit reclosure (OCR) near your house is doing its job.

The cooperative uses OCR's to help maintain electrical power during a storm. The precision mechanical switching contacts and hydraulic pump action that allows these sectionalizing devices to open and reclose

heating season. Moisture from the more humid areas of the home, such as baths, kitchen and laundry areas, constantly seeps into the attic. In fall and winter especially, moisture accumulates in the attic, particularly in today's tightly constructed, well insulated homes. When this warm, moisture-laden air contacts the cooler attic air, water is condensed on roof board and rafters. Then with the first temperature drop, damaging ice and frost form. When warm weather comes, the frost and ice melt, soaking insulation and making it ineffective. Without proper attic ventilation, excessive moisture results in higher heating costs and causes extensive building damage. A power roof ventilator will remove moisture-laden air before it can condense and freeze.

are what maintain your electric service and prevent many line outages.

For example, when a tree limb falls on the line the OCR opens the circuit and momentarily causes your lights to go out. Then, if the tree limb falls clear of the line (or if the limb is small and burns in two) and the line is not damaged, the OCR recloses the circuit and your lights come on again. The OCR will perform this opening-closing operation up to three times in succession. But, if the tree limb remains on the line, the OCR will protect the line, other hardware and equipment by safely keeping the circuit open. Then we must send out a crew to locate and correct the problem and restore service.

So if you notice your lights blinking on and off during a storm, you will know that your OCR is on the job and working properly. Also keep in mind that if you give us permission to cut and trim trees, you will help eliminate some of the blinking when storms hit our area.

SHRIMP NEWBERG

- 2 lbs. shrimp, cooked and deveined
- 1/2 stick butter
- 4 green onions
- 1 small yellow onion, chopped
- 1 small green pepper, chopped
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 2 cups American cheese
- 2 tablespoons cooking sherry

In a skillet saute the onions, celery and green pepper. In a saucepan heat the milk. Add the cornstarch and the soup base stirring constantly with a wire whisk until the mixture thickens to a cream sauce consistency. Reduce the heat and add the cheese. Simmer until cheese is melted and add the shrimp and onion mixture. Simmer for about 30 minutes. Add the sherry and taste for seasonings. Serve over rice or cheese souffle.

SPAGHETTI CASSEROLE

- 8 cups water
- 2 teaspoons salt
- 1 cup spaghetti
- 1 1/2 lbs. hamburger
- 1 small onion, chopped
- 1 1/2 cups tomatoes
- 1 tablespoon Worcestershire sauce
- 1/2 cup grated cheese
- Dash of paprika

Bring water to boil; add salt and spaghetti. Cook until tender. Brown hamburger and onion in skillet; add tomatoes and Worcestershire sauce. Simmer for 20 minutes. Add spaghetti to meat mixture; mix well. Pour into a 2-quart casserole; top with cheese and paprika. Bake at 350 degrees for 20 minutes. Yield: 4 to 6 servings.

CHIMICHANGAS

- 1/2 teaspoon salt
- 1 lb. lean ground beef
- 1 garlic clove, crushed
- 1 teaspoon ground cumin
- 1 teaspoon oregano, crushed
- 1/4 cup canned chopped green chilies
- 1/4 cup bottled taco sauce
- 1/4 cup sour cream
- 2 tablespoons cider vinegar
- 1/2 cup butter or margarine, melted
- 6 seven-inch flour tortillas
- 1 pkg. (4 oz.) shredded cheddar cheese
- 1/2 cup sour cream
- 1/2 cup bottled taco sauce
- 1 1/2 cups shredded lettuce
- 1 ripe avocado, sliced

Sprinkle salt in medium skillet. Place over medium heat. Add beef, garlic and spices. Cook, crumbling with fork, until meat loses its pink color. Stir in remaining filling ingredients. Remove from heat; cool. In 8-inch skillet melt butter or margarine. Dip both sides of one tortilla into butter or margarine; drain off excess. Mound a rounded 1/3 cup filling on center of tortilla. Fold tortilla envelope fashion. Place seam side down in an ungreased 11 1/4 x 7 1/2-inch baking dish. Repeat with remaining tortillas and filling. Can be made ahead. Cover and refrigerate up to 24 hours. Preheat oven to 500 degrees. Uncover chimichangas and bake until crispy, about 15 minutes. Sprinkle with cheese, return to oven for a few seconds to melt cheese. Serve topped with sour cream and taco sauce, with lettuce and avocado on the side. Makes 4 servings, about 855 calories each.

BEEF CANNELONI

- 3 lbs. ground beef
- 1 small onion, finely chopped
- 3 ribs celery, finely chopped
- 1/2 green pepper, finely chopped
- 1/2 teaspoon pure granulated garlic
- 1/2 teaspoon chili powder
- 1 teaspoon cumin
- 1/2 teaspoon seasoning salt
- 2 tablespoons red cooking wine or burgundy
- 1/2 cup tomato puree
- 1/2 cup sour cream
- Sauce:
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 1/2 cup American cheese
- 1 cup parmesan cheese, freshly grated

In a saucepan saute the beef, breaking it apart with a fork, until it is lightly browned. Add the remaining ingredients and simmer about 30 minutes. Do not let mixture boil. Place mixture, divided evenly, into 16 crepes. Roll and place seam down, side by side, in a lightly greased baking dish. In a saucepan heat the milk. Add the cornstarch and soup base stirring constantly with a wire whisk until mixture thickens to a cream sauce consistency. Add the cheese and simmer until cheese is melted. Pour sauce over crepes. Sprinkle with parmesan cheese and bake at 350 degrees until bubbly. Serves 8.

Crepe Batter:

- 1 cup flour
- Dash salt
- 2 eggs
- 2 tablespoons butter, melted
- 2 cups milk

In a bowl sift the flour and the salt together. Add the eggs, butter and milk and beat with a mixer until smooth. Lightly butter a small skillet or crepe pan with a pastry brush. Pour a small amount of batter into a pan and roll it out to the edge of the pan. Cook like pancakes, turning once until lightly browned.

HOT CHICKEN SALAD

- 2 6 oz. jars chicken
- 1 can cream of chicken soup
- 2 cups chopped celery
- 1 tablespoon minced onion
- 1/2 teaspoon salt
- 1/2 teaspoon pepper
- 1 tablespoon lemon juice
- 1/2 cup slivered almonds
- 3 hard-cooked eggs, diced
- 3/4 cup mayonnaise
- 2 cups crushed potato chips

Mix all ingredients except potato chips; place in casserole. Cover with potato chips. Bake at 350 degrees for 1 hour. Yield: 4-5 servings.

SALMON CROQUETTES

- 1 15 oz. can pink salmon, drain and save juice
- 1 egg
- 1/2 cup flour
- Pepper to taste
- 1/2 cup chopped green onion
- 1/2 teaspoon Worcestershire or to taste
- 1/4 cup salmon juice
- 1 heaping teaspoon baking powder
- Deep fat for frying

Mix salmon and egg with fork. Add 1/2 cup sifted flour and stir. Mixture will be thick. Add pepper, onions and Worcestershire. In the 1/4 cup salmon juice, put the baking powder and beat with fork until it foams. Pour this into salmon mixture and mix with fork. Drop by small spoonful into deep hot fat. Be sure and cook within 15 minutes of mixing. Very light and lacy. Serves 4 to 6.

BANANA PUDDING

- 1 large instant vanilla pudding
- 1 cup Eagle Brand milk
- 2 cups sweet milk
- 1 large non-dairy whipped topping
- 4 or 5 bananas that have been soaking in frozen orange juice concentrate

Mix pudding according to package directions. Add Eagle Brand and sweet milk. Fold in non-dairy whipped topping. Layer until all mixture is gone.

icing:

- 1 cup sugar
- 1/3 cup water
- 2 tablespoons white corn syrup
- 1 teaspoon vanilla
- 4 or 5 egg whites, beaten
- 1/2 teaspoon cream of tartar

Cook sugar, water, corn syrup and vanilla to a soft boil stage. Fold in egg whites that have been beaten with cream of tartar. Pour syrup over egg mixture slowly, beating all the time. Place on top of pudding. Brown in oven.

BEEF ENCHILADAS

Meat Filling:

- 1 lb. ground meat
- 1 clove garlic, chopped
- 1 tablespoon water
- 1 can (1 lb.) kidney beans
- 2 teaspoons salt
- 1 tablespoon vinegar
- 1 tablespoon chili powder

In medium skillet over low heat, saute meat with garlic, salt, vinegar, water, and chili powder until browned. Stir in beans and set aside.

Tomato Sauce:

- 3 tablespoons salad oil
- 1 clove garlic, chopped
- 1/4 cup chopped onion
- 1 tablespoon vinegar
- 1 cup boiling water
- Dash ground cumin
- 1/2 teaspoon salt
- 2 cans (10 1/4 oz.) tomato puree
- 1 beef bouillon cube
- 2 tablespoons chopped green chilies
- Dash pepper

In hot oil in skillet, saute garlic and onion until golden (about 5 minutes). Remove from heat. Stir in flour until smooth; then stir in tomato puree, vinegar and bouillon cube (dissolved in water). Bring mixture to boiling point, stirring over medium heat. Add green chilies, cumin, salt and pepper; simmer uncovered about 5 minutes. Use 10 tortillas, frozen or homemade. 1 cup grated sharp cheddar cheese or 1 cup cubed Monterey Jack cheese. To assemble: Preheat oven to 350 degrees. Place about 1/3 cup filling in center of each tortilla, roll up, arrange seam side down in a 13 x 9 x 2 baking dish. Pour tomato sauce over all, sprinkle with cheese. Bake about 25 minutes. Makes 5 servings. Meat and tomato filling can be made ahead of time and refrigerated. Reheat slightly when ready to use. Put each tortilla in hot grease for a minute before assembling.

Summertime

FROZEN COCONUT PIE

- 2 cups crushed graham crackers
- 1 stick margarine, melted
- 1 3 oz. pkg. cream cheese, room temperature
- 2 teaspoons sugar
- 1/2 cup milk
- 3 1/2 cups non-dairy whipped topping
- 1 1/2 cups coconut
- 1/2 teaspoon almond extract

Make crust from graham cracker crumbs and melted margarine. Beat cream cheese until soft, beat in sugar, gradually add milk and beat until smooth, fold in coconut, whipped topping and extract. Spoon into crust and freeze. Set at room temperature a few minutes before serving.

PARTY CHEESE SANDWICH

- 1 8 oz. pkg. cream cheese
- 1 small can pimento
- 1 cup grated pecans
- 1 cup salad dressing
- 2 teaspoons grated onion
- 1/2 stick butter

Mix well and spread on party rounds.

BIG BURGER

- 2 cups all purpose flour
- 2 cups mashed potato flakes
- 3/4 cup butter or margarine, softened
- 3/4 cup milk
- 11 oz. can condensed cheddar cheese soup
- 1/4 cup chopped onion
- 1/2 teaspoon salt
- 1/4 teaspoon pepper
- Filling:
- 1 lb. ground beef
- 1 tablespoon catsup
- Topping:
- 2 tablespoons milk
- 2 tablespoons butter or margarine, melted
- 1 tablespoon prepared mustard, if desired
- 1/2 cup mashed potato flakes

Preheat oven to 425 degrees. (To measure flour, lightly spoon into measuring cup; level off.) In large bowl, combine flour and flakes. Cut butter in thoroughly with a fork; stir in milk. Dough will be stiff. Press half the dough into a 10-inch circle on ungreased cookie sheet. Brown ground beef; drain. Stir in next six ingredients. Spread to within 1/4-inch of dough edge. On waxed paper, spread or roll out remaining dough into an 11-inch circle. Place over filling and seal edge; brush with milk. Sprinkle with mixture of melted butter and potato flakes. Bake 20 to 25 minutes until golden brown. Refrigerate any leftovers. Makes 4 to 6 servings.

the economic development business, but exists to help the people in small towns whose job it is to attract industry. "One community took a good, hard look at its image as a possible site for economic development and decided it needed to change," she says. "They asked us to help, and we set up a special economic development training course for their leaders. It dealt with how to market your community, how to put together a development

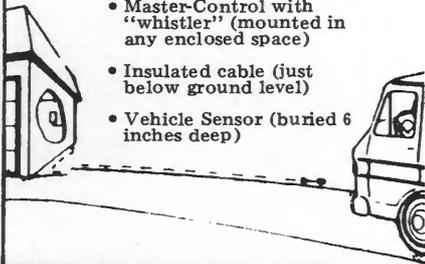
board and how to set up a retention team, to keep the businesses they already had. It's taking time and a lot of work, but they're turning things around."

Pat King, Jim Layton and Curt Murton, also from EICC, spoke briefly during the panel session, and emphasized that their efforts are geared toward facilitating efforts, rather than acting as economic development people themselves. "We can help prospective business people find legal, book-

keeping and financial help, and work with them to help set up customized training programs," Chillson says.

The four pointed out that local community colleges throughout the state have programs geared to helping community development efforts, and stressed that the nearest community college would be a good starting place for those seeking to start a new business, expand an existing one or to get community development help.

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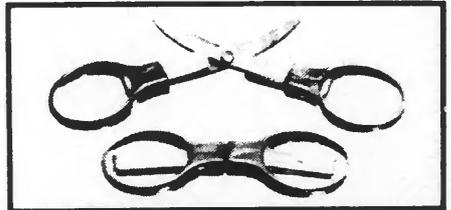
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manager's report

by Robert E. Pendell, Manager

watts no

IREN SUPPLEMENT

7:30 P.M. ANNUAL MEETING

of

McDONOUGH POWER COOPERATIVE



© NRECA

September 2, 1986

Fellheimer Auditorium — Macomb, IL
Registration begins at 6:30 p.m.
Entertainment by Wagon Wheel Opry

\$25 credit on
September electric bill
on the
Name A Minute Drawing
Must be present to win

\$5 credit on your
September electric bill
for registering

30 names to be drawn
from those registered
to receive \$10 credit on
September electric bill

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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400



Wagon Wheel Opry

Entertainment, election, reports highlight meeting

Attend your annual meeting and be entertained by the Wagon Wheel Opry from 7 to 7:30 p.m. and again following the meeting.

Registration for the 49th annual meeting of members will begin at 6:30 p.m. on Tuesday, September 2, 1986, at the Fellheimer Auditorium, South Johnson Road, Macomb.

All members registered will receive \$5 credit on their September energy bill. There will be drawings from the list of registered members and, if present winners will receive \$10 credit on their September energy bill.

Donovan Lawyer, president, will call the meeting to order at 7:30 p.m., for reports of officers and the election of three directors. Directors are to be elected from Districts 1, 3, 7.

Wade Blansett is presently serving as director from District 1.

Bill Pollock is presently serving as director from District 3.

Harold Anderson is presently serv-

ing as director from District 7.

The nominating committee which met July 7, 1986, at the Holiday Inn in Macomb, was composed of the following members.

District 1: Jerry F. Lieber, Macomb

District 1: Gene Beck, Macomb

District 3: Calvin Moore, Colchester

District 6: Kenneth D. Morrow, Good Hope

District 7: Stuart Mayhew, Roseville

District 8: Ted Munson, Monmouth.

The nominating committee nominated the following members:

District 1: Wade R. Blansett

District 3: Bill Pollock

District 7: Harold Anderson.

You will receive your annual meeting notice approximately 10 days previous to the annual meeting.

A name-a-minute will be drawn from our membership during the business meeting and if the member is in attendance, they will receive \$25 credit on their September energy bill.

Levelized billing

The Cooperative has a levelized monthly billing procedure for members interested in this form of payment of their electric billing.

The procedure and policy is as follows and any member interested is asked to call the Cooperative and make plans for this type of billing.

I. Billing plan: The cooperative may, at its option, offer its residential consumers a levelized billing plan. (Schedule "A").

II. Billing plan requirements: The Cooperative upon consumers request, estimates the consumers levelized billing for a twelve (12) month period based upon:

a. Consumer's actual consumption history.

b. New consumers, an estimate of consumption based on consumer's anticipated load requirements.

c. Cooperative's Schedule "A" rate plus estimated PPAC and tax.

III. Adjustments to bills: The Cooperative may adjust the billing in the event the Cooperatives estimate of the consumer's usage and/or cost should vary significantly from consumer's actual usage and/or cost.

IV. Remaining balance: Any balance remaining due on anniversary date becomes due at that time. Any existing credit will be subtracted from the first payment of the new budget year.

V. Failure to comply: Failure to meet any months obligation, consumer will forfeit the privilege to continue on with the levelized billing plan.

**Cooperative office closed
 Labor Day, Monday, September 1**

Experts Report... Once Established... Water Just Once A Week... Be Absolutely Amazed As All Growing Season Long—Week In, Week Out... Compared To Even The Majestic Black Spruce... **WONDER SHADE TREE...**

ZOOMS TO THE SIZE OF A 15 YEAR OLD TREE IN JUST ONE SINGLE YEAR!

YES, ROOF-HIGH IN JUST ONE YEAR!

and keeps on skyrocketing 30-40-50 EVEN UP TO 60 FEET HIGH OR MORE in less time than most trees nudge themselves a few feet off the ground.

IT'S ALMOST LIKE GROWING INSTANT SHADE

Actually Soars Into A Magnificent Tree IN JUST ONE YEAR!

Yes! Based on amazing growth rates reported by plant scientists—it grows SO FAST... arches out SO WIDE... you can actually take a ruler and measure the incredible difference in height every 2 to 3 days! OR, to really leave your neighbors gasping in awe and wonder, give them a yardstick and let them measure the difference IN FEET every 2 to 3 weeks!

Yes, goes on to thrust itself so high, so fast that it actually towers over even a Japanese Red Maple, Cherry Tree or even the most graceful silky willow in such a ridiculously short time you will simply refuse to believe your eyes! Think of it!

GROWS MORE IN JUST ONE MONTH THAN MOST TREES GROW IN AN ENTIRE YEAR!

Because according to plant experts, Govt. scientists and Botanical Gardens who researched this wonder-hybrid... once established, you merely water it once-a-week, and be absolutely floored as, during its SUPER-SOARING growing season, it GROWS AS MUCH AS A FULL 1/2-FOOT WEEKLY AFTER EVERY TIME YOU WATER IT!

That's right! Grows higher than even a full grown Flowering Dogwood IN JUST ONE SINGLE SEASON! Grows higher than even a full-grown Star Magnolia IN JUST ONE SINGLE YEAR!

PLANT NOW—REACH OUT AND TOUCH ITS LUSH, THICK BRANCHES FROM YOUR SECOND STORY BEDROOM WINDOW BY THE NEXT SUMMER!

No doubt about it. There's just not another "instant" Shade Tree like it on this planet! Because thanks to this miracle of plant science, instead of spending a small fortune on a tree and then waiting half a lifetime for it to grow... get set for the garden-wonder of your life as this super-soaring hybrid rockets forth from a prize nursery-grown plant to a tower of roof-high beauty in less time than you ever dreamed possible.

GROWS IN VIRTUALLY ANY SOIL—REQUIRES NO SPECIAL CARE—SOARS INTO A MASTERPIECE OF BEAUTY IN JUST A MATTER OF MONTHS!

Best of all, unlike most trees that demand constant care, constant pampering... about the only thing you do after you plant this super-growing wonder-hybrid is water it and enjoy it! That's why leading botanical gardens... landscape artists... garden editors... can't stop raving about its indescribable beauty... its trouble-free care... its surging, towering growth.

Small wonder that leading experts hail it in the most glowing terms... recommended it again and again for homeowners who want a stunning display of beauty... both a wind and privacy screen and deep, cool shade... and with practically no more work than a thorough watering each week!

VITAL STATISTICS FROM LEADING EXPERTS

MATURE GROWTH SIZE: as much as 40 to 65 feet

MATURE SPREAD: as much as 30 to 35 feet

ZONE OF HARDINESS: Hardy from the deepest South to as far North as Vermont, Minn., Quebec, British Columbia. Winter Hardy in areas where temp. drops as low as 30 degrees below zero.

LIGHT NEEDS: Grows beautifully in Sunny location.

DECORATIVE MERITS: Highly recommended by landscape architects as beautiful decorative specimens for homes, parks, highways, etc., where exceptional fast growth and beauty are required. Perfect for fast screening and privacy.

RAPID RATE OF GROWTH: Experts report growth rates on specimen trees that measure up to 8 FEET THE VERY FIRST YEAR ALONE. That's more than most shade trees grow in 3... 4... 5... even 7 years. Yes, once established will grow ranch-house-roof high IN JUST ONE SINGLE YEAR, that's right—The very next year after planting! Experts also report it soars an amazing 5 to 8 feet each year for YEARS thereafter. Naturally results are based on optimum growing conditions. Takes but 10 minutes to plant and normal care rewards you with a lifetime of beauty starting this very year.

CARE: Nothing special—just normal garden care. Water fully once weekly. Naturally resistant to most diseases, pests or insects.

WE HAVE AT THIS MOMENT ONLY A LIMITED SUPPLY AVAILABLE FOR RELEASE TO THE PUBLIC—FULL SUPPLY WON'T BE READY UNTIL 1987 SO ACT NOW!

Now the price of this super growing shade tree is not \$20 or \$30 as you might expect, but a mere \$3.95!

That's right, only \$3.95 for this magnificent Beauty that rewards you with such a glorious display of growth IN JUST ONE SINGLE YEAR. However, our supply is limited! Full supplies from the growing fields will not be ready until late 1986 or early 1987. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... ACT NOW!

SATISFACTION GUARANTEED OR MONEY BACK!

Remember: Satisfaction is fully guaranteed. You must be thrilled in every way with this spectacular f-a-s-t growing shade tree or RETURN AT ANYTIME within 90 days for a full refund of purchase price... ANYTIME within 1 year for free replacement. Could anything be fairer? Now is the time to order and replant—so send no-risk coupon today!



Grows More in One Month Than Most Other Shade Trees Grow in An Entire Year—More in One Season Than Ordinary Shade Trees Grow in 2 Years, 3 Years or Even 5 Years! (Illustration shows magnificent size, spread and beauty of mature Populus hybrid-fam. Salicaceae.)

JUST MINUTES TO PLANT—REWARDS YOU WITH A LIFETIME OF BEAUTY!



Here's a luxurious sight you don't have to wait half a lifetime growing—a matched pair of these towering show-pieces.

Picture your patio bathed in the cool beauty of this show-stopping miracle tree from early spring to the first snows of winter.

Just a few minutes planting time—a few seasons' growing time, rewards you with twin towers of beauty.

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Spring River Road, Hartford, Michigan 49057**

Yes, please send me for proper planting time in my area the SUPER GROWING HYBRID(S) indicated below:

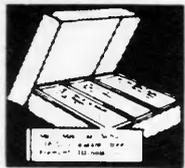
- (#001) 1 for only \$3.95 plus 75c postage and handling.
- (#002) 2 for only \$6.95 (SAVE OVER \$1) plus \$1.00 postage and handling.
- (#004) 4 for only \$10.00 (SAVE OVER \$7.00) plus \$1.50 postage and handling.
- (#010) 10 for only \$20.00 (SAVE OVER \$20.00) plus \$3.00 postage and handling.
- (#020) 20 for only \$30.00 (SAVE OVER \$55.00) plus \$5.00 postage and handling.

If after receiving my order I am not fully delighted, I may return anytime within 90 days and you will refund my purchase price in full (less postage and handling, of course).

Total amount enclosed \$ _____ (Mich. residents add sales tax.) No C.O.D.'s please.

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Address _____
City _____ State _____ Zip _____

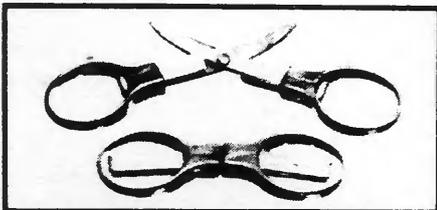
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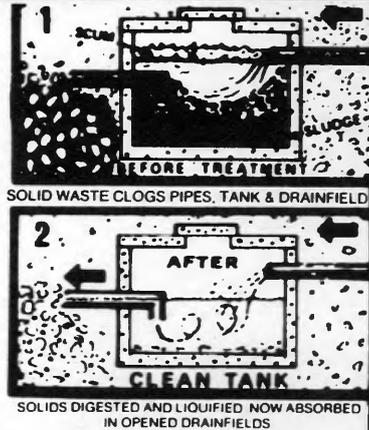
WHY SEPTIC TANKS BACK UP Septic tanks Clog, Backup and Smell because of household cleaners, which are great for dishes, laundry and floors, but kill good bacteria in your tank and cesspool that normally digest solid wastes, fats, greases and starches. Without this bacterial action solid waste builds up in your system. They overflow into and clog your drainfields, lines and back up into your tank, causing overflows and smells. Even pumping your tank will not clean out the pipes or drainfields, but **SEPTIPRO®** will!

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| Oct. 25 – Roy Clark | Dec. 5 – Eddie Rabbitt |
| Oct. 31 – John Schneider | Dec. 31 – Bill Anderson
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manager's report

by Robert E. Pendell, Manager

Watts no

IREN SUPPLEMENT

Harvesting with safety

No scene depicts the character and success of the United States quite as well as that of modern farm equipment harvesting an abundant crop of wheat or barley or corn. The technology and ingenuity of those machines has helped the American farmer continue to enjoy bountiful harvests to feed our nation's population and a great portion of the world's population as well. When you move into your fields to tend your crops, please exercise Responsible Electric Accident Control Today (RE-ACT) to make your harvest as safe as it is rewarding.

Modern farming requires the use of large, complex machinery. Each year a tragic number of accidents are caused by careless handling of farm equipment around electric power lines and utility poles. Be sure to avoid any contact with the potentially lethal power equipment.

Insist that hired hands and family members alike learn to survey their working areas carefully before engaging farm equipment in work activities. Have every worker assure himself that the equipment he is using will not come into contact with power lines or power support equipment.

Although you may have no power lines whatsoever in your fields, you certainly have them present in equipment storage areas and grain storage areas. Be sure the paths from equipment storage areas to the fields and from the fields to the grain storage areas are safe routes. There should be ample clearance for combines, pickers, balers, front end loaders, stackers or any other equipment you are moving about your farm. If there is some question about whether equipment will clear a power conductor, assume that it won't and take measure to avoid

possible contact.

More often than not, power lines follow property lines. When you reach the end of your field and turn your equipment, there is a very good chance power lines will be nearby. Always be alert to power lines on your property lines. They may even be hidden by trees or brush, so you must take precautions to ensure your equipment does not make contact.

Grain augers and bins are often used along property lines, too, since such placement makes the best use of the land. Again, be sure that the augers do not come into contact with power lines.

Crop storage equipment such as augers, balers and stackers can be extended in height to exceed electric code clearances for power lines. When you are working to store hay, alfalfa

or baled straw, take precautionary measures to be sure the stacking equipment will not come into contact with power lines. It only takes one mistake to bring tragedy.

If you are planning the construction of any new storage bins, be sure to take the placement of existing power lines into account. If you simply cannot find adequate space to construct those bins away from power lines, why not contact your electric power supplier for some advice. Someone will be sent to your farm to survey your potential building sites and work with you in order to come to the best possible solution. Your complete safety and comfort are prime concerns of your electric power supplier. We will be happy to assist you in developing a safer farm.

—NRECA Safety Division

Lot of work for little pay

To understand a little better what a kilowatt-hour will do in respect to work, here are some results from tests made by an engineering firm. The engineers decided to see how much manual exertion would be involved to generate a kilowatt of electricity. For that purpose an ordinary bicycle was mounted on a stand made of pipe and a small electric generator was connected to the rear wheel. This machine was taken to a location where 213 people rode it until they were tired, and their combined work totaled only one and one-half to two kilowatt-hours. Further study with this machine showed that the average power exerted by a laboring man in an eight-hour day amounts to the equivalent of one-third of a kilowatt.

This is to say that the average work-

ing man would have to work about three eight-hour days to exert the same amount of energy as is contained in a kilowatt-hour. For every 100 kilowatt-hours used, it equals 2,800 hours of labor.

Coal use

Coal's share of U.S. energy sources is expected to increase from 27 percent to 33 percent by the year 2000 while oil's share is expected to fall from 43 percent to 34 percent and the natural gas share could drop from 27 percent to 19 percent. These predictions were revealed in a study by Conoco Inc. entitled "World Energy Outlook Through 2000." The big reason for this would be the lower coal prices, according to the survey.

DIRECTORS

Donovan Lawyer, President
Kenneth Moore, Vice-President
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Harold Anderson, Treasurer
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John D. McMillan, Attorney

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

A farmer is . . .

A farmer is a man who wears out two pairs of overalls growing enough cotton for one.

A farmer can shape an ax handle from a persimmon sprout and shoe a horse with a hunk of car tire.

A farmer starts every year with nothing, loses everything he grows and at the end of the year comes out even. Nobody knows how he does it. He doesn't even know himself.

What are farmers made of?

Farmers are made of bent nails, rusty horseshoes, barbed wire and are held together with calluses.

During planting time and harvest season, he finished his 40-hour week by Tuesday noon; then painin' from a tractor-back, he puts in another 72.

He can make a harness out of hay-wire, feedsacks and shoe scraps. He grows corn and melons mostly to make crows fat.

He loads his planter with \$1,500



worth of seed, fertilizer, herbicide and insecticide. That's one hour's work. In a normal farm afternoon, 1 p.m. to 10

p.m., he'll bury \$13,500 in the ground.

Odds are it'll get too wet or too dry, or there'll be hail, wind, early frost, early snow, bugs, brickbats and bureaucrats. And, if he gets a good crop, he won't meet expenses.

Yet the only lines on a farmer's face are from grinning.

You look at the unattended chores, unpainted buildings, unsharpened tools and untidy barnlot and you say, "The smartest man in the world would starve trying to do all that." And you are right. The smartest man would starve.

But not the farmer.

His wife won't let him. She has a basic menu; she serves what she has. In good years that may be six vegetables at one meal. In lean years she jumps from poke salad to blackeyed peas.

The farmer orders a 16-inch John Deere disc that costs \$4,300; by the time it is delivered it is \$6,500.

He's got a \$40,000 machine needing repair. It is 6:30 p.m. and the company-owned stores are closed. And he's got five hours of daylight he can't let go to waste. So he borrows a machine from his neighbor, and is moving it down the road when he's run into a ditch by some joker pulling a boat.

Yet he remains the world's most stubborn optimist.

He believes that the fact he's come this far proves he can go the rest of the way. He buries last year's disappointments with springtime plowing because his faith is not in himself alone. He'll finish a hard week's work with a five-mile drive to church.

He plants in hope, cultivates in faith and ends in debt; then starts over with greater hope and stronger faith.

Heaven help the family that depends on a farmer for support.

Heaven help the nation that does not have him to support it!

Signs on poles prohibited

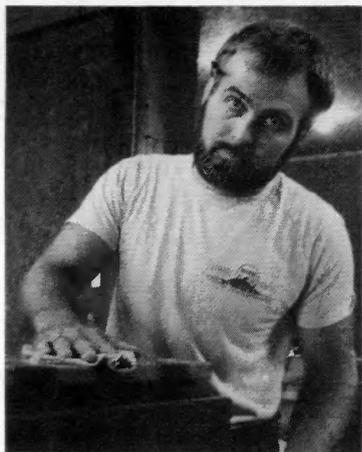
Posting signs on McDonough Power Cooperative utility poles is prohibited due to the dangers such notices impose on the Cooperative's linemen.

In recent years, the popularity of garage and yard sales has increased the number of notices being posted on McDonough Power poles. In addition, there are always advertisements for auctions, entertainment events and political candidates to contend with.

Besides detracting from the appearance of our poles and that of the general countryside, these signs can be very dangerous to the health of your Cooperative's linemen. A nail or staple in a pole can prevent the metal spikes on a lineman's boot from catching

hold properly and cause a serious fall. At the very least, a nail or staple may rip the lineman's protective rubber gloves or tear his clothing, sometimes causing a painful gash in the process.

Your Cooperative's linemen have to climb poles to perform maintenance work, to add new equipment to the lines and sometimes, to make repairs. The linemen are the ones who will go out in the middle of the night in the worst kinds of weather to repair an outage and restore electric service to our members. Please consider the health and safety of these dedicated gentlemen, who are your employees, and do not post signs or notices on any type of McDonough Power utility pole.



Ben Kruger



Chris Cassidy

Quality woodwork

“I learned that I enjoyed woodworking more than I liked building houses.”

The people at Beaver Creek Woodworks are working today, building tomorrow's heirlooms. Ben Kruger, Chris Cassidy and Becky Meyer work with top-quality hardwoods to build carefully crafted woodworks designed from the ground up to be pleasing to the eye, functional and to last for many decades.

Their shop, which is served by Adams Electrical Co-Operative, is on Highway 96, just south of Quincy.

“We try to use the old-fashioned joinery methods,” Chris says, “where the pieces we make are held together by good joints, rather than simple butt joints and nails or screws. They're kind of like Chinese locking puzzles in that you have to work at it, sometimes, to find out how to disassemble them.”

In some of today's furniture factories, butt joints, nails, screws and sometimes staples are used to speed the mass production process and help keep costs down. The same process also makes for furniture items that will never make it to antiquity, the partners say. To them, an antique is not just something old, but a work of art that has aged.

“Nails gradually work themselves out,” Chris says, “and you can bet that a piece put together at the turn

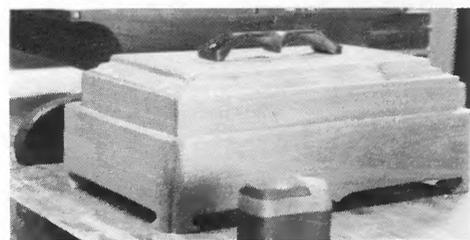
of the century with nails or screws has either been rebuilt or needs to be. This is especially true of chairs, tables and furniture people use a lot.”

Ben, who dreamed up the idea of the shop, got into quality woodworking in a backhanded sort of way. Trained at the University of Illinois in home design and construction, he ran across a friend who knew woodworking and wanted to learn some of the finer points of home building. The friends agreed to swap skills. “I learned that I enjoyed woodworking more than I liked building houses,” says Ben, who has a tad of poetry and a shovelful of artistry in him. “I like the Louis Nizer quote,” he says, “that goes like this: ‘A laborer works with his hands. A craftsman works with his hands and mind, and an artist works with his hands, his mind and his heart.’”

Chris, who had held a series of repair and add-on jobs for area contractors, was talking with Ben, who had come up with the idea of a quality woodworking shop sometime before. “It seemed like a good thing,” he says, “and I wasn't doing anything else really interesting, so I decided to get in on the venture.”

Both are still working to improve their skills, by reading books and magazine articles in trade publications, and by trying new ideas in the shop.

“It's extremely important in quality woodwork to preserve the integrity of the grain,” Ben emphasizes,



A carefully crafted jewelry box awaits the final touches before going out to a buyer.

“along with using careful joinery techniques.”

“I'll only be able to produce so many pieces in my lifetime,” he adds, “and I want to remember and savor the challenges presented by each one.”

Warsaw

(Continued from page 5)

and monitors the soil carefully, especially for phosphorus, potassium and nitrogen, and keeps an eye on the corn's leaves. He goes through the field regularly, to check for insects.

"I believe the way farmers will be able to survive will be by decreasing their cost of producing by getting more corn per acre," he concludes, "and that's

what I hope to show them how to do by careful management.

We can beat the farm problem if we work at it," Warsaw says.

Planning to Weatherize?

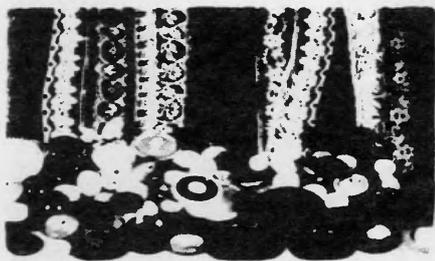
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"IT REALLY WORKS!"

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manager's report

by Robert E. Pendell, Manager

watts no

IREN SUPPLEMEN



Robert E. Pendell (left), manager of McDonough Power Cooperative, congratulates three members of the McDonough board of directors reelected during the cooperative's 49th annual meeting of members. Reelected were Harold Anderson of Roseville (second from left), Wade Blansett of Macomb (second from right) and Bill Pollock of Colchester.

Stable rates projected

Stable electric rates are in store for the mostly rural members of McDonough Power Cooperative through the late 1980s and 1990s. That projection was offered September 2 by McDonough board president Donovan Lawyer of Industry in his report to the 49th annual meeting of members of the cooperative held at Macomb Senior High School.

"We are proud that we have our own wholesale power supply and are no longer dependent on short-term wholesale power contracts with the investor-owned utilities," Lawyer said. "With the implementation of a power supply pool and dispatch system that Soyland has completed, we can look forward to the stabilization of rates in the late 1980s and into the 1990s."

Soyland Power Cooperative is a federation of McDonough Power Cooperative and 14 other central Illinois electric distribution cooperatives. The Decatur-based organization owns approximately 7.5 percent of the nearly complete nuclear Clinton Power Station in DeWitt County and has entered into "as if owned" contracts with Illinois Power Company and Central Illinois Public Service Company for 677 megawatts of capacity from fossil-fired generating stations. Soyland's agreements with those two companies also provide the cooperatives with the right to use transmission and subtransmission systems to deliver electricity to distribution cooperatives.

McDonough manager Robert E. Pendell agreed that stabilizing whole-

sale power costs for McDonough would lead to stabilized electric rates to members. "These long-term commitments of power supply provide the cooperatives with the most cost-effective way to meet future needs," Pendell said. "It gives us a broad generation mix which will lend stability to wholesale power costs and will also help stabilize the cost of providing electric service to the distribution cooperatives."

Pendell reminded members that they are enjoying a reduction in the utility tax on their electric bill. Representative Tom Homer of Canton was a primary sponsor of a bill supported by Illinois electric cooperatives that changed the method of calculating utility taxes on electricity from five

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McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400**

percent of the gross dollar amount to 32 one-hundredths cent per kilowatt-hour. Pendell said the change in tax methods means a reduction of approximately \$1.30 per month for each 1,000 kilowatt-hours of electricity used.

Pendell advised members that the McDonough board of directors has been working closely with Soyland Power Cooperative on a plan to restructure the debt of Soyland and Western Illinois Power Cooperative, a second cooperative federation with an ownership interest in the Clinton project. While the cooperatives were working on a financial restructuring plan with the Rural Electrification Administration, Congress passed legislation that will allow the generation and transmission cooperatives to refinance high interest loans from the Federal Financing Bank at today's

lower interest rates. President Reagan signed the legislation on July 2, but ensuing regulations issued by the U.S. Treasury Department may make it impossible to carry out the intent of Congress.

"At this point in time, the Treasury Department adopted rules which make the refinancing legislation almost impossible to implement," Pendell said. "The regulations are arbitrary and unfair and I am sure that our elected representatives, being aware of the troubled times facing our rural areas, will act to right this wrong." It has been estimated that refinancing of high cost debt could save Soyland and WIPCO and their 22 local distribution cooperatives approximately \$7 million per year.

Pendell asked the more than 500 members and guests attending the annual meeting to continue their

involvement and support of the cooperative. "The cooperative way of conducting business, based on democratic processes, is one of the most workable solutions ever devised by citizens to achieve their common goals," Pendell said.

During the McDonough business meeting, members reelected veteran directors Wade R. Blansett of Macomb, Bill Pollock of Colchester and Harold Anderson of Roseville.

Entertainment for the annual meeting was provided by The Wagon Wheel Opry of Macomb with country vocalist Jesse Adkins of Bluff City.

McDonough Power Cooperative serves approximately 4,600 members along 1,382 miles of energized line in parts of McDonough, Warren, Knox, Fulton, Hancock, Schuyler and Henderson counties. The cooperative headquarters is in Macomb.

'Name-a-minute' drawing winners

The following members' names were drawn for the "name-a-minute" drawing during the business meeting. If they were in attendance they received \$25 credit on their September electric bill. Those in attendance are marked with an asterisk.

Charles Adair
 Sterling Adams
 Van M. Adkisson
 Gary Aleff
 James P. Allen
 *Dale Anderson
 Franklin Aracher
 Bessie Askew
 Stephen R. Bacon
 *Sue Bagley
 Pat Bagwell
 Marcia Baker
 Louella Banks
 Richard Barlow
 Greg Bates
 Rod Beck
 Carl Bedwell
 James Benson
 Bethel Twp. Hall
 Harold Billeter
 Samuel D. Biswell

Robert Bricker
 Glenn Brooks
 Mark Burnside
 Harold Cagle
 Jeff Calhoun
 Allen L. Carson
 Lonnie Cavett
 Russell Cheek
 Fred Close
 *Ronald Cook
 Carl R. Craig
 Lowell Cortelyou
 *Robert Craddock
 Wayne Cramer
 *John Cuba
 Angela Daniel
 Kevin Danner
 Lynn Davis
 John B. Decker
 Lloyd Derry
 Brian A. Dixon
 James Dozier
 Harry Drummond
 Elbert V. Duncan
 James W. Dunn
 Don Earp
 Robert Eddington
 Richard Elam
 John W. Ellis
 John Fairman
 David Farquhar
 Esther A. Fluke
 Ruth Fowler

Dick Franck
 Thomas Giddings
 Ray Goodell
 Roger Gray
 Leon Gregory
 Vada Haffner
 Gilbert L. Haggren
 Johnnie Hall
 Mike Hammond
 Robert W. Harden
 Donald Hasley
 Marvin Hawk
 Donald R. Hauwood
 Henry Heard
 Larry W. Heiser
 J. A. Hennings
 Ray Hill
 Shirley Ischer
 Richard D. Iverson
 Gerald L. Jessen
 Steven Jack
 George R. Johnson
 James J. Johnson
 Jack Keithley
 John Kendrick
 Edwin Kimble
 Rossell Kindhart
 John H. Lackey
 Charles D. Larimer
 Glen Lawyer
 Danny Lieb
 Jess Lydic
 John Magnison

*Ellen L. Martin
 Grant Martin
 Marlin McCabe
 Kent McClure
 McDonough Rehab. Center
 Robert P. Meloan
 Bobbie Miller
 John W. Modlin
 Wylde Neidy
 Gerald R. Norris
 Howard Oaks
 Steve Onion
 Darrell Page
 *Jane A. Peak
 Gilbert Peterson
 Edgar Raymond
 T. W. Riedel
 Tim Roche
 David Scheihing
 Scotts Church
 Rex L. Shave
 Howard Simmons
 James D. Smith
 Paul Snowden
 K. A. Tracey
 William H. Underwood
 Kathy Veroni
 Ruth Waddill
 Duane E. Wasson
 *Harold Warner
 Carl A. Yaap
 Carroll Zander
 Melvin Zulauf

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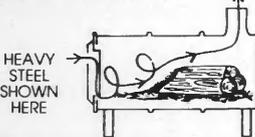
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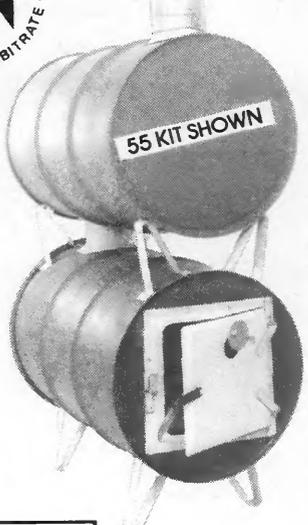
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stage

gram is a case in point, he added.

"Rural crime is increasing dramatically," he said, "and law enforcement people can't be everywhere, so some co-ops have gotten in touch with local law enforcement people and offered to help.

"Since co-op employees drive around the rural areas in radio-equipped vehicles a lot," Moore said, "we felt that it would be only natural for them to act as 'eyes and ears' for the local law enforcement agencies."

Cooperative employees do not carry weapons, nor do they attempt to make arrests. Instead, they look for suspicious activities, accidents and threatening weather, and radio in a report when they see something out of the ordinary. The program has already paid off in several of the participating co-ops, mostly in the quick reporting of auto accidents.

Telecommunications is a growing area which offers a lot of potential, Moore noted, and rural areas are being bypassed because of the low population density and the fact that it would be virtually impossible for cable television companies to turn a profit by "wiring" the countryside. "Probably half the homes that don't have cable TV now never will have," he noted. Satellite dish users face increasing "scrambling" of stations' signals, reducing the usefulness of the receivers. Descramblers are quite expensive and only a partial solution.

"The electric cooperatives have gotten together to form the National Rural Telecommunications Cooperative," he said, "and we're negotiating with several cable companies in the

hope that we'll be able to offer a good package for about \$10 a month, assuming the resident has a satellite dish," he added.

But, if industry projections are an indicator, the entertainment value



of the satellite dish will soon be surpassed by its value as a two-way communications device permitting electronic voting, teleconferencing, educational programs and other services.

"There has been enough time for profit-making concerns to look into the market," Moore said, "and they haven't. It's kind of a logical move for a non-profit electric cooperative, because they have a billing system in place and a rural service orientation, so we're going to get involved. Not-for-profit, but for the good of the areas we serve."

Gerald Quade (right) of Altamont was one of three persons honored by the Illinois Cooperative Coordinating Committee for their contributions to cooperatives. Making the presentation are, from left, Larry Werries, Illinois Director of Agriculture, and Dick Jurgens, vice president of Interstate Producers Livestock Association. Also honored were Don McWard of Hudson and Rich Connell of Bloomington.



manager's report

by Robert E. Pendell, Manager

watts no

IREN SUPPLEMEN

A time to give thanks



Our first President wrote these words many years ago: "Whereas it is the duty of all nations to acknowledge the providence of Almighty God, to obey His will, to be grateful for His benefits, and humbly to implore His protection, aid and favors . . . that we may then all unite in rendering unto Him our sincere and humble thanks for His kind care and protection of the people of the country, and for all the great and various favors which He has been pleased to confer upon us." —George Washington

Today, it is just as fitting that we consider our first President's advice and in so doing, remember in prayer, on Thanksgiving Day, our President and elected officials.

While on the topic of gratitude, we would like to express our appreciation, to each of you, for your cooperation and understanding throughout the past year. The board of directors and employees join in extending, to you, our wish for a *Happy Thanksgiving*.

Light, lite, lean, or low fat?

What do the terms lite and lean mean to you? To avoid confusion, the U.S. Department of Agriculture is restricting the definitions of these terms and other fat claims used on meat and poultry labels to reflect more accurately a product's fat content. The USDA is also requiring specific labeling information on products using these terms. Under the new policy, the term extra lean will be reserved for products containing no more than 5 percent fat. Processors must disclose the actual amount of fat on the product label. For example, the label may read, "This product contains

4 percent fat." The terms lean and low fat can be used only on products containing less than 10 percent fat, and

the amount of fat must be stated on the label. The terms light or lite and leaner and lower fat can be used on products containing at least 24 percent less fat than the majority of such products in the marketplace. A statement explaining the comparison must be included on the label. For example, the label for leaner ground beef must include "The product contains 20 percent fat, which is 33 percent less fat than is in most ground beef." Processors will have one year to change their labels in accordance with these new requirements, so you will have time to learn the new labeling.

Closings

McDonough Power Cooperative's office will be closed Thursday, November 27, in observance of Thanksgiving; Thursday, December 25, in observance of Christmas Day, and Thursday, January 1, in observance of the New Year.

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 Kenneth Moore, Vice-President
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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Outage reporting

1. Check all your own main fuses or circuit breakers, including any breakers below your meter.

2. Check with your neighbors about their power, and if they have reported an outage.

3. CALL 837-1400 — A cooperative representative is on call at all times to take outage calls.

4. Please give the follow-

ing information when reporting an outage:

(1) Your name, location number (this can be found on the lower left hand of your billing stub)

(2) Time the power went off; and are your neighbors without power

(3) Any information about poles, wires, trees or limbs that could help us in restoring power quickly.

Ready or not, winter is on the way

It won't be long before the snow and ice will crunch underfoot, the car windshield will be frosted over, and it will feel good to stay under three blankets in the morning.

Whether we are ready or not, winter is on its way. Now is the time to spend a little human energy to manage your electric energy wisely.

For instance, have you put up the storm windows? Have you had the furnace or heat pump checked? Is the furnace filter changed? Are all your doors weatherstripped? Have you checked over your space heater to make sure it is working properly?

We have been working hard to make sure there is enough electricity to keep you warm this winter, and we would love to have you buttoned up and snug and cozy.

Let the sun provide heat

Even though it may be bitter cold outside, you have an automatic source of supplementary heat if the sun is shining. All it takes is a little energy to tap this valuable resource.

Open window shades and drapes to let in the warming sunshine.

Close off those windows and doors that open on the wind side or the shade side of the house.

Start opening shades and drapes on the east side of the house in the morning, opening south and west windows as sun makes its way through the sky. Be sure to close off windows and doors that open into shade areas as the afternoon progresses.

Board officers for coming year

At the regular monthly board meeting, September 23, 1986, the board of directors of McDonough Power Cooperative elected the following officers to serve for the coming year:

Donovan Lawyer, president;

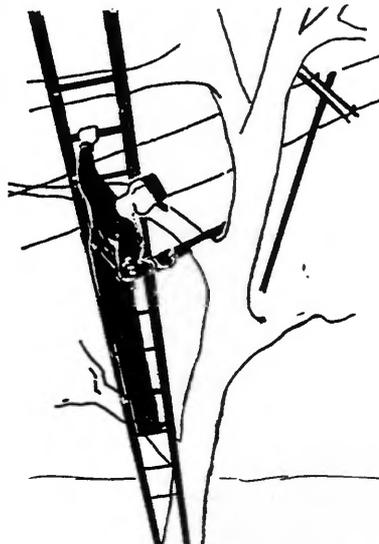
Kenneth Moore, vice president;
 Wade R. Blansett, secretary,
 Harold Anderson, treasurer.

The regular board meetings are to be held the fourth Tuesday of each month.

Be careful when cutting winter wood

Please . . . when you are cutting trees for firewood this winter, use extreme caution around power lines. If a tree falls on a line, you and your neighbors could be without electricity for several hours or more. But even more important, there's a lot of current going through those lines. Coming in contact with it can be fatal.

There are old tree cutters and careless tree cutters, but there are no old, careless tree cutters.



Thanksgiving smorgasbord

BARBECUE SAUCE

4 quarts catsup
1 quart vinegar
4 ozs. dry mustard
¼ oz. red pepper
¾ oz. black pepper

3 ozs. chili powder
8 ozs. brown sugar
1 quart tomato sauce
2 cloves garlic
2 ozs. salt

Combine all ingredients. Simmer, stirring occasionally until thickened, about 1 hour. Makes 1 gallon. Keep unused sauce in covered jar in refrigerator.

CHICKEN AND RICE

1 cup rice
1 can celery soup
1 can cream of chicken soup
2 cans water

1 fryer cut in serving pieces
(leave on skin)
Salt
Butter

Salt chicken. In large baking dish, pour in rice; top with pats of butter. Mix both cans of soup and water; stir. Pour over rice and place chicken on top. Bake at 350 degrees for 1 hour or until done.

RAISIN PIE

1 cup raisins
1 cup water
1 cup sugar

¼ cup butter
3 tablespoons flour
½ large can of condensed milk

Combine raisins, water and sugar. Boil for 5 minutes. Mix condensed milk and flour to make paste. Slowly stir into raisin mixture, and add butter. Cook slowly until thickens. Pour into uncooked pie shell. Top with another uncooked pie shell — seal. Bake at 350 degrees until crusts are lightly browned. Cool before slicing.

AMAZING COCONUT PIE

2 cups milk
¾ cup sugar
½ cup biscuit mix
4 eggs

¼ cup butter or margarine
1½ teaspoons vanilla
1 cup angel flake coconut

Combine milk, sugar, biscuit mix, eggs, butter and vanilla in electric blender. Cover and blend on low speed for 3 minutes. Pour into greased 9-inch pie pan. Let stand about 5 minutes, then sprinkle with coconut. Bake at 350 degrees for 40 minutes. Serve warm or cool. (This pie makes its own crust.)

GINGER CRACKLES

2½ cups flour
1 tablespoon ginger
2 teaspoons soda
1 teaspoon cinnamon
½ teaspoon salt

¾ cup shortening
1 cup sugar
1 egg
¼ cup molasses

Cream shortening, egg and sugar. Add molasses. Mix well. Add rest of ingredients. Stir well. Form into 1-inch balls and roll in sugar. Place 2" apart on ungreased cookie sheet. Bake at 350 degrees until done.

TEXAS HASH

1 lb. hamburger meat
1 can tomatoes
1 can mushroom soup
½ cup chopped onion
1 cup Minute rice

¼ teaspoon garlic
¼ teaspoon black pepper
¼ teaspoon oregano
½ teaspoon salt

Brown hamburger meat and onions in skillet. Pour remaining ingredients into skillet and heat, then pour into casserole dish and place cheese on top. (Cheddar Cheese on top is optional.) Bake in oven at 350 degrees for about thirty minutes or until cheese melts.

DUTCH MEAT LOAF

1½ lbs. ground beef
1 cup bread crumbs
1 onion, chopped
½ can tomato sauce

1 egg, beaten
1½ teaspoons salt
¼ teaspoon pepper

Mix ingredients and form into a loaf. Place in shallow pan and place in 350 degree oven. Combine the following for sauce on top.

½ can tomato sauce
1 cup water
2 tablespoons prepared mustard

1 tablespoon vinegar
2 tablespoons brown sugar or molasses

Pour sauce over meat loaf in oven, and continue baking 1¼ hours, basting occasionally.

STANDING RIB ROAST BEEF

Place 8 lb. top-quality roast in shallow open pan with fat side up. The rib bones in a standing roast keep the roast off the bottom of the pan. Do not wash the roast; wipe with a damp cloth or paper towel. Insert a roast meat thermometer into the center of the roast. Season roast if desired. Do not add water or cover the roast. Roast in slow oven at 325 degrees until the roast meat thermometer indicates degree of doneness desired—140 degrees rare, 160 degrees medium or 170 degrees for well done. OPTIONAL: 45 minutes before the roast is done, pare and boil medium-size potatoes 15 minutes, drain and place the hot potatoes in the meat drippings around the roast. Turn them over using tongs to coat with the meat drippings. Finish cooking potatoes along with the roast. Salt them lightly before serving.

JAZZED-UP CANNED BEANS

Ginger Peachy Baked Beans:

Turn 2 cans (1 lb. each) baked beans into 2-quart casserole. Stir in ½ cup dark corn syrup; a small onion, chopped; a dash of ginger. Top with canned peach halves. Bake at 400 degrees, basting frequently, 1 hour or until peaches are well glazed and beans are hot and bubbly. Makes 4 to 6 servings.

Spicy Beans:

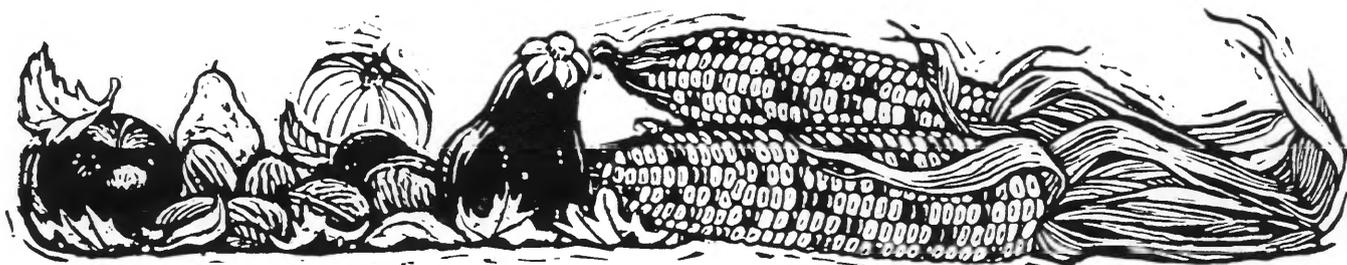
In a saucepan, stir together 2 cans (1 lb. each) beans in tomato sauce, ½ cup dark corn syrup, 3 tablespoons bottled steak sauce, dash of chili seasoning. Bring to boil, stirring frequently. Reduce heat and simmer uncovered about 25 minutes, stirring occasionally. Makes 4 to 6 servings.

Saucy Baked Beans:

In 1½ quart casserole or bean pot, stir together 2 cans (1 lb. each) beans in tomato sauce, ⅔ cup applesauce, ½ cup finely chopped onion, ⅓ cup dark corn syrup, 1 clove garlic, minced, 1 tablespoon prepared mustard, ½ teaspoon salt. Bake at 400 degrees 1 hour. Makes 4 to 6 servings.

Beans and Franks:

In 2-quart casserole, stir together 2 cans (1 lb. each) pork and beans, ½ cup dark corn syrup, ¼ cup pickle relish, ½ teaspoon dry mustard, ¼ teaspoon ground ginger. Bake at 400 degrees 30 to 45 minutes. Top with ½ pound frankfurters; continue baking 15 minutes. Makes 4 servings.



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Planning to weatherize? The booklet

HOME WEATHERIZATION FOR LOWER-COST LIVING COMFORT

Can help.

For a copy, send \$2 to: Association of Illinois Electric Cooperatives, P.O. Box 3787, Springfield, IL 62708.



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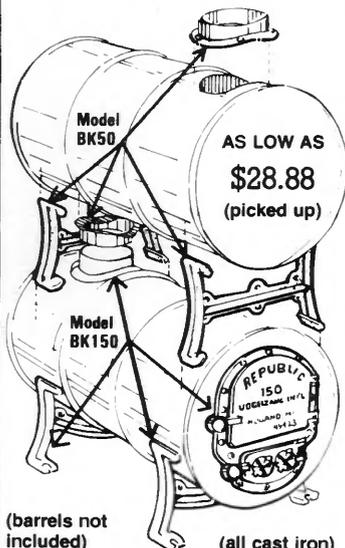
Stark Bro's 56-page, full-color catalog offers hundreds of varieties of fruit, shade and nut trees, berries, shrubs and growing aids too—plus everything you need to grow bushels of flavorful fruit.

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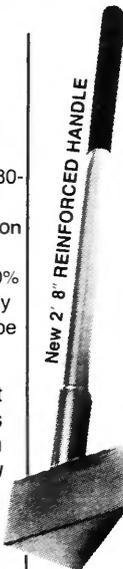
ORDER FORM

QUANTITY	MODEL	DESCRIPTION	DELIVERED TO YOUR DOOR PRICE	FACTORY PICK-UP PRICE
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_____	BK50	Adaptor Kit	\$20.88	17.88
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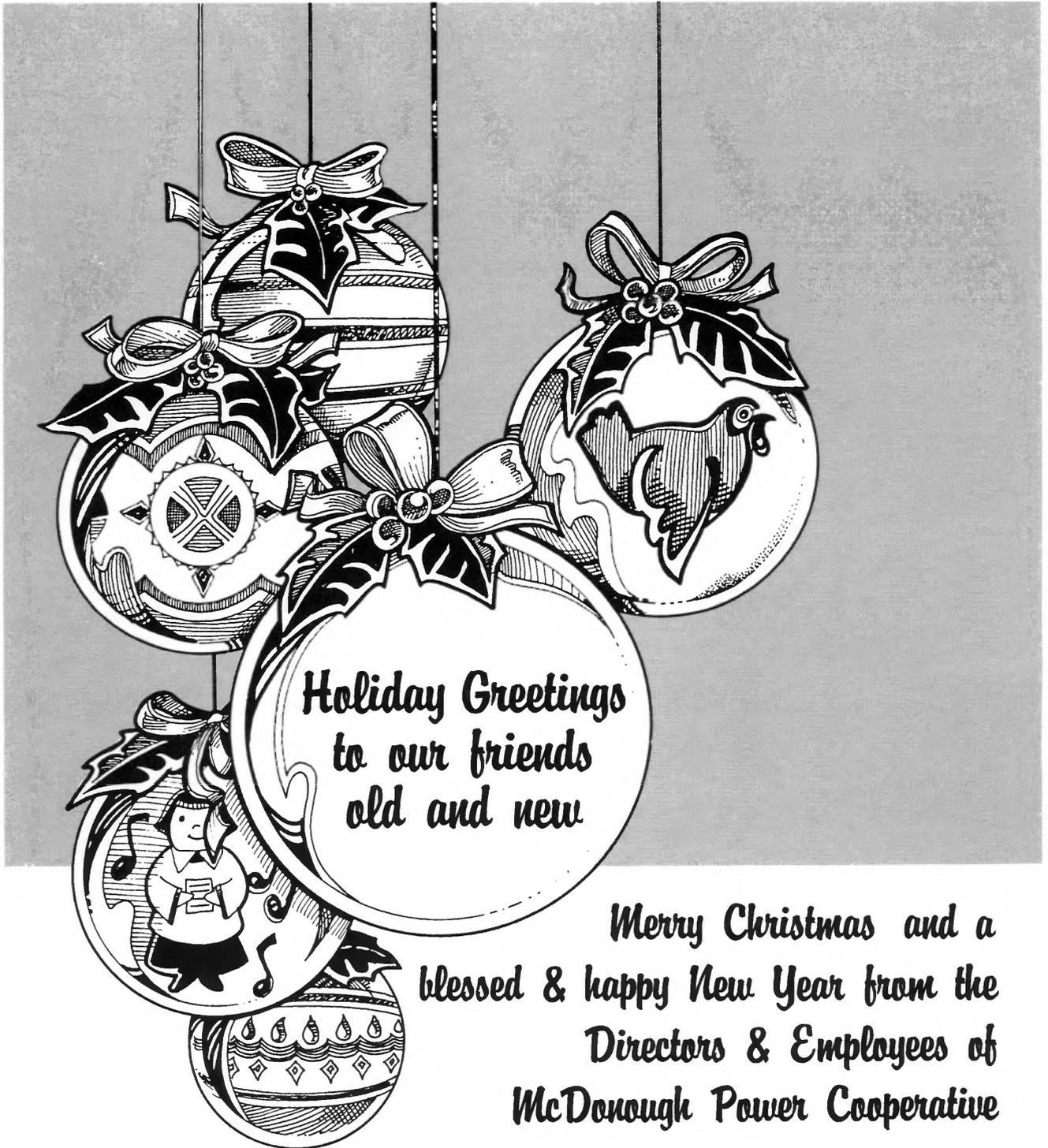


manager's report

by Robert E. Pendell, Manager

watts n

IREN SUPPLEME



Merry Christmas and a
blessed & happy New Year from the
Directors & Employees of
McDonough Power Cooperative

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 Kenneth Moore, Vice-President
 Wade Blansett, Secretary
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McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400**

Soyland refinancing approved

Soyland Power Cooperative, wholesale power supplier to McDonough Power Cooperative and 14 other Central Illinois cooperatives, received approval from the U.S. Treasury Department to prepay \$310-million in loans borrowed from the Federal Financing Bank to finance its share of the Clinton nuclear power station, E. H. Williams, executive vice president of the Decatur-based federation, announced on October 9.

Soyland is the first generation and transmission cooperative to receive approval to refinance its debt without penalty under legislation passed by Congress in June.

Soyland will refinance the \$310-million in loans from the

Federal Financing Bank using private money sources, totally eliminating government financing. The average imbedded cost of Soyland's Clinton-related debt will decrease from the current level of 10.6 percent to approximately 7 percent. This will save Soyland and its 15 member-cooperatives approximately \$11-million annually over the 30-year life of the loans.

"We are extremely grateful to Illinois Senators Alan Dixon and Paul Simon, Congressmen Bob Michel, Richard Durbin, Lane Evans, Ed Madigan, Terry Bruce and the other members of the Illinois congressional delegation who worked so hard to help Soyland refinance its debt," Williams said.

"We have received tremendous support from our elected officials in Washington and their staffs as we have worked for almost a year now with the Rural Electrification Administration and the U.S. Treasury Department to lower the cost of our debt.

The debt refinancing plan will have no immediate impact on Soyland's cost of power to its members. "What it does mean," Williams said, "is that when the Clinton Power Station begins commercial operation next year, our members will see little or no change in rates. We are going to avoid the rate shock normally associated with new power plants entering production."

McDonough to offer electric heat rebate

Members eligible for this electric heat rebate are those members who are using electricity for their primary heating.

This electric heat rebate program will run for three heating seasons, starting with 1986-87 season. McDonough Power's allocation from Soyland for the 1986-87 season amounts to \$69,204. Allocation of the bonus to eligible members will be based on the assumption that any increase in monthly usage during the months of December, January and February over the preceding May usage, is attributable to electric

heating.

For example, assume McDonough Power realized a total increase of 5,000,000 kilowatt-hours during the 1986-87 heating season, due to electric heating. The \$69,204 would be divided by 5,000,000 kilowatt-hours, yielding a factor of .01384. Therefore, if your increase was 3,000 kilowatt-hours, your bonus would be \$41.52. The \$41.52 would be credited to your April 1987 (May billing) statement.

Members under rate schedule C will receive a heating bonus based on the kilowatt-hour increase that

results in a 50 percent load factor.

To be eligible for the credit, fill in the attached card (sign-up card for electric heat rate), mail to the Cooperative office, or stop in at the office and make application.

The Cooperative requires that each member sign up for credit. (No credit will be issued unless a signed card is on file and verification has been made of the electric heating system by Cooperative personnel.)

Sign up as soon as possible.

FMEC selects Delp

Robert L. Delp of Geneseo has been selected manager of Farmers Mutual Electric Company.

Delp, who has served as acting manager of the Geneseo-based utility since August, replaces Edgar G. Arnn, who took early retirement to enter a family business in Indiana.

A graduate of J. D. Darnell High School in Geneseo, Delp studied at Black Hawk Junior College in Moline, Northern Illinois University in DeKalb and Illinois State University at Normal. He is a graduate of the U.S. Army Infantry Leadership Course and attained the rank of sergeant.

After summer employment with Farmers Mutual in 1972, Delp worked as an engineering technician for General Telephone Company of Illinois in Bloomington. After three years there, he returned to FMEC and became office manager in 1976.

Delp has completed numerous courses provided by the National Rural Electric Cooperative Associa-



Delp

tion to help employees improve their working and management skills.

Delp and his wife, Sue, live in Geneseo with their three-year-old daughter, Jessica.

For co-op members only

There's a new name for an old feature in the Illinois Rural Electric News, and it can mean money in your pocket.

Beginning this month, the small ad section of the IREN will be the Illinois Marketplace, replacing the Trading Post. The best news, though, is the special, members-only advertising rate.

Members of the Illinois electric cooperatives will pay only one-third the standard cost for a 20-word ad in the Illinois Marketplace. That's \$8 for an ad that reaches into the homes of 157,000 member-owners of electric cooperatives across the state.

Non-members will continue to pay the standard rate, \$24 for a 20-word advertisement.

The new rate provides members with an excellent way to supplement their local advertising, whether they

are a farmer wanting to sell off a piece of used equipment or a merchant wanting to expand the company's reach into neighboring counties. For the \$8 your ad will go into thousands of homes in adjacent counties and have the bonus benefit of statewide circulation just in case what you have for sale appeals to a buyer all the way across Illinois.

There are some easy-to-follow rules for this type of advertising. You must be a member and send the mailing label of the magazine with your order. Payment in advance is required, and you must have the advertising material to the Illinois Rural Electric News office no later than the first of the month preceding publication.

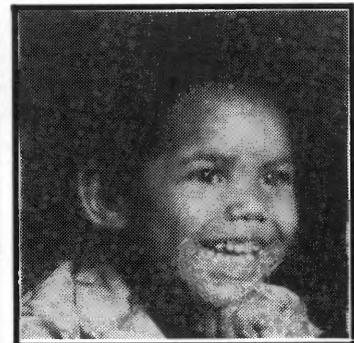
On page 14 of this issue, you will find an advertising order form and all the details and rules.

MISSING



ILENE REBECCA SCOTT

LAST SEEN: 12/20/80 EYES: Blue
FROM: Carson, CA HEIGHT: 3'
DOB: 12/19/74 WEIGHT: 40
WHITE FEMALE HAIR: Brown



FRANCILLON PIERRE

LAST SEEN: 8/2/86 EYES: Brown
FROM: North Las Vegas, NV HEIGHT: 3'6"
DOB: 10/1/82 WEIGHT: 35
BLACK MALE HAIR: Black

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

1-800-843-5678

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

-Safety Tip of the Month-

Teach your child your telephone number, area code, your full address, and how to use the telephone to call home, a law enforcement officer, or dial "0" for operator in an emergency.

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If you want to personally help end this national tragedy, or need additional information, please call:

1-800-222-1464