

SAVE HUNDREDS OF \$\$\$

Finally a NEW and IMPROVED
SEPTIC TANK CLEANER IS HERE
PREVENT & STOP ALL TANK & DRAIN LINE PROBLEMS

ACT NOW! AVOID:

- Costly expenses
- Re-doing drain fields
- Clogged drains
- Pump outs
- Wet spots
- Offensive odors

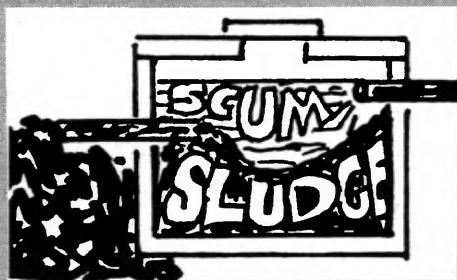
The miracle answer has been discovered

SEPTI-CLENE **THE Problem Solver!**

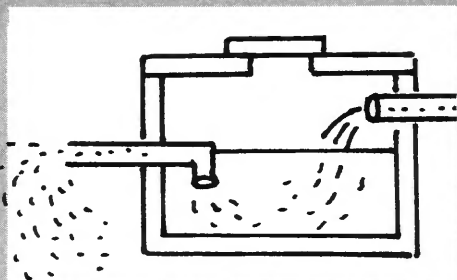
SEPTI-CLENE saves money and inconvenience by doing away with pumping out septic tanks periodically. A small amount of **SEPTI-CLENE** converts all wastes into liquid. It will help clean the lines leading to the septic tank. It goes to work immediately, digests the solids, cleans the walls and then travels to the drain fields. It opens the earth and lets the earth percolate.

**Keep Your Septic Tank and Cesspool
In Great Shape Use SEPTI-CLENE**
For more information CALL
1-800-544-4074

**Septic Tank
Before**



**Septic Tank
After**



**Drain lines
Before After**



A drain pipe loses 1/2 of its diameter in 5 years due to organic build-up.



SEPTI-CLENE will restore the pipe to original after a few months of treatment.

100% Guaranteed

OR Mail in Coupon to:

Krane Products Inc., P.O. Box 521
Larchmont, NY 10538

I am interested in more information on **SEPTI-CLENE**

Name _____

Address _____

Town _____ State _____

Zip _____ Telephone _____

How many septic tanks? _____



watts new

McDonough Power Cooperative Macomb, Illinois 61455

Program to assist small rural businesses

A Rural Small Business Energy Program has been authorized by the Illinois General Assembly to provide financial assistance to small businesses receiving electric service from an electric cooperative. The money is to be used for weatherization and energy conservation purposes.

Money for this program is made available from the state's Petroleum Violation Fund. The fund came from penalties assessed by the federal government against oil companies for overcharges they made to consumers.

A business serviced by an Illinois electric cooperative is eligible if the following apply:

- The business has no more than 12 full-time employees.
- The gross income of the business is less than \$1.5 million.

● The business transacts the majority of its business within Illinois.

● The owner(s) of the business resides in Illinois.

● The owner(s) obtains at least 30 percent of their income from the business.

Any applicant that received a grant through the Rural Home Energy Grant Program are not eligible for additional energy improvements from this program. Grants are not available for new construction.

An energy audit of the business is required. This audit will help in determining the most beneficial improvements. All improvements must show an energy cost savings payback of less than 10 years.

The applicant's cooperative is required to review and verify all

applications before they are submitted to the Illinois Department of Energy and Natural Resources. The cooperative does not, however, approve or reject any applications.

In most cases, the matching grant will not exceed \$5,000. Participants will be required to match the amount of the grant.

Eligible measures:

● Caulking and weatherstripping

● Furnace efficiency modifications

● Replacement furnaces or boilers which means a replacement furnace or boiler which have an Annual Fuel Utilization Efficiency (AFUE) of greater than 90 percent

● Furnace replacement burner (oil)

● Intermittent pilot ignition devices

● Replacement water heaters which means a device for heating water for domestic use which meets the ASHRAE 90 Energy Efficiency Standards, as required by Illinois Public law 84-276

● Heat pumps, which means a device for heating or cooling with a SEER rating of 8.6

● Insulation for ceiling, walls, floors, ducts, pipes and water heaters

● Storm doors and windows

● Electric motor efficiency modifications

● Alternative fuels systems

● Solar domestic water heaters

● Electric load management systems

● Lighting retrofits

Those interested in learning more about this program may contact their electric cooperative or the Illinois Department of Energy and Natural Resources.

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 the bowl is 3 percent cooler than the temperature of income 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.

Electric use up in winter months?

Why do we use more electricity during the winter months? That is a question we often receive this time of year; and although we have ideas as to why one's usage may be higher than usual, we do not know specifically why a particular individual's electric energy usage is up. We do not know because we are not the ones who used the power.

Even though the individual asking the question is the one using the power, he does not always know where he used it either. This is because we use electricity for so many things so many times a day we take it for granted and are not really conscious of the fact that we are using it.

For those who may be questioning why their electric energy usage is up in the winter months, we will list some of the easily overlooked uses for this time of year:

1. Holidays—Thanksgiving, Christmas and New Year's Day—cooking and baking.

2. More use of lighting because of the shorter daylight period.

3. Most heating systems require the use of electric power and run almost continuously during extremely cold periods.

4. Many use space heaters here and there in their homes and buildings.

5. Stock tank heaters and fountains are in use.

6. Engine heaters are being used for cars and truck.

7. Electric blankets and heating pads are being used more.

8. Clothes dryers are used more, and those in unheated rooms use more energy.

9. Forgetting to shut a light or turn an oven off and discovering it several hours or a day or two later.

10. Christmas tree and outdoor lights are left on during the evening.

Meet your directors



Butler

Howard Butler of rural Monmouth was elected in September 1979 as director from District 8.

Howard held the position of vice president in 1985. In 1987 he received certification for the course of Basic Management for Rural Electric Directors.

Howard and his wife, Luan (Doll) Butler, operate a 223-acre grain and livestock farm east of Monmouth. They have two children: Beverly Tolliver of Highland Village, Texas, and Linda Butler of Springfield.

Howard is a member of the Warren County Farm Bureau, American Legion, Monmouth Lodge AF&AM, all masonic bodies, and the First Methodist Church of Monmouth.



Distefano



Stump

Two co-op employees retire

Cooperative employees Della Stump and Charlene Distefano retired effective December 31.

Della started employment with the Co-op in 1960 as records clerk, was cashier for a short time and has been the billing clerk for more than 20 years. She has no definite plans other than a trip to California and enjoying her leisure time.

Charlene began with the Co-op in December 1981 as records clerk and

has held that position until now. Charlene and her husband, Jim, plan to do some extensive traveling, visiting all those relative they have wanted to for years.

She also plans to catch up on craft and sewing projects for her grandchildren.

McDonough Power board of directors and employees wish them many happy years of retirement.

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

Smoke detectors save lives —but only if they work

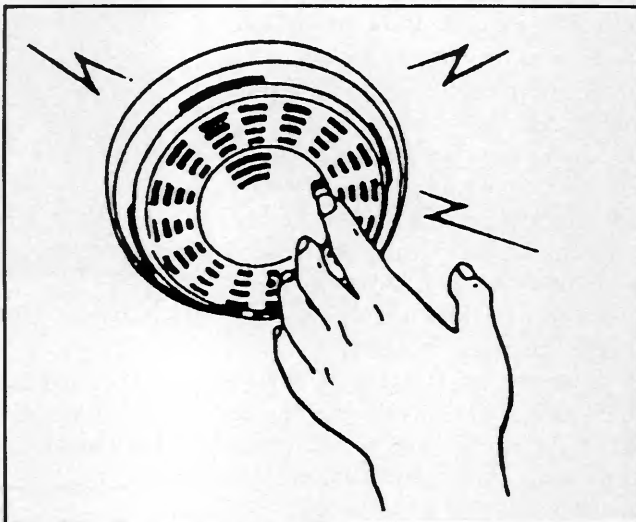
A large percentage of American homes are equipped with smoke detectors, but many of them don't work.

To be sure that your smoke detector will warn you of a fire as early as possible, test your home's smoke detectors regularly to make sure they work and replace their batteries at least once a year. Make sure there's a smoke detector on each floor of the house, and place them near the bedrooms, either on the ceiling or four to six inches below the ceiling on the wall.

Properly installed and maintained, the home smoke detector is one of the best and least expensive precautions available against the health-damaging effects of smoke and fire. The risk of dying from a fire in a home with no smoke detector is twice as high as the risk in a home with a working device.

Home fire deaths dropped 17 percent between 1978 and 1983, a trend coinciding with increased use of smoke detectors and flame resistant materials.

Home fires are no small threat. More than 40,000 individuals are injured or killed by home fires each year. Most often the injuries are related to smoke and occur in the night when the victims are asleep. Rural residents are three times more likely to die



from a fire than urban or suburban dwellers.

Smoke detectors can warn of impending fire, but precautions can limit the chances of a fire starting at your house. If you have a woodstove, fireplace or space heaters, find, read and follow all manufacturer's recommended precautions.

For more information on smoke detectors and fire hazards, call the U.S. Consumer Product Safety Commission hotline: 800-638-2772.

—Rural Electric News Service

Illinois law requires smoke detectors

Illinois law requires that every dwelling unit have smoke detector protection. These smoke detectors should be either the ionization or photoelectric type and approved by Underwriters' Laboratories.

Every dwelling must have at least one approved smoke detector in an operating condition within 15 feet of every room used for sleeping purposes. The detector should be installed on the ceiling at least six inches from any wall or on a wall four to six inches from the ceiling. Every single-family dwelling unit must have at least one smoke detector installed on every floor of the structure, including basements but not including unoccupied attics. In multiple-family or mixed-use units the owner is required to supply and install all smoke detectors, including those inside each living unit and at least one smoke detector at the uppermost ceiling of each interior stairwell.

If your home was completed before the end of 1987, you may use either battery-powered units

or AC-powered units. If your home was completed or substantially remodeled after December 31, 1987, you must have AC-powered units only. And if your new or remodeled dwelling requires more than one smoke detector, you must have them wired in an interconnected manner so that the actuation of one detector will create warnings at all detector locations.

Violation of the law is a Class B misdemeanor.

The law specifies minimum numbers of smoke detectors and establishes required locations. There may also be other locations in your home where smoke detectors would be appropriate. Fire safety experts say you should install detectors in several locations, such as near bedrooms, in hallways, living areas, and basements. If you have any questions about smoke alarms, contact your insurance company. Your electric cooperative may also have information about smoke detectors, and many cooperatives in the state have top-quality smoke detectors for sale at reasonable prices.

If single-glazed windows are used, any gains in heat from the sunlight will be offset by excessive heat loss through the glass, particularly at night.

Can sunlight on east or west windows be controlled by orientation? The answer is no. In winter the sun rises late in the southeast and sets early in the southwest and, therefore, very little sunlight enters east and west windows.

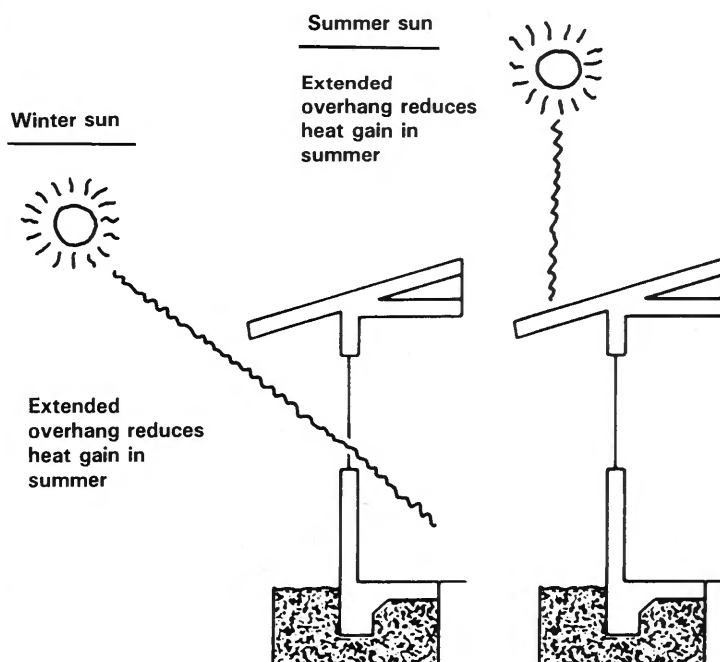
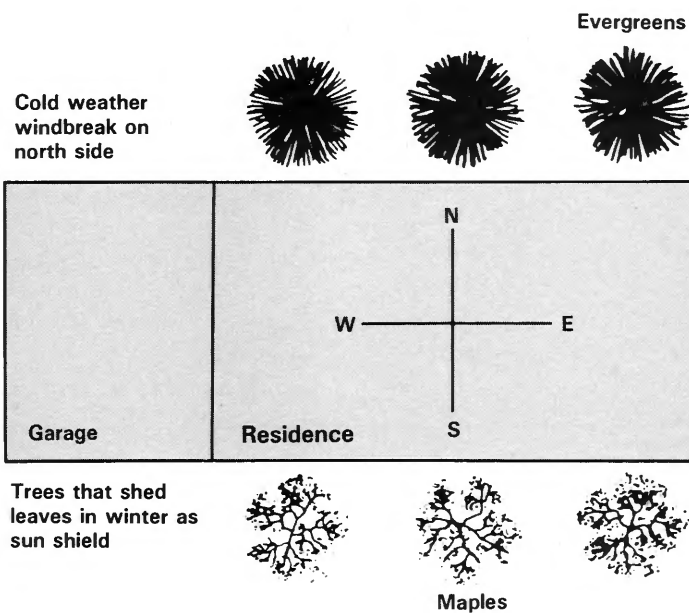
In summer the sun rises early in the northeast and sets late in the northwest. Due to the sun's angle in the morning and evening, a large amount of sunlight strikes the east and west walls. And, it is very difficult to shade east and west windows, which results in higher cooling costs. For these reasons, windows on the north (little sunlight available), east and west should be eliminated where possible, or at least be reduced in size to reduce your operating costs.

Other methods include stacking your home (two-story) in lieu of spreading it out (single-story) to reduce exposed surface area. Locate the garage on the northwest or west side of the home to reduce the effect of cold westerly winds in the winter and hot afternoon sunlight in the summer. Keep as much of the basement below ground as possible and design walkouts for southern exposure.

Solar orientation usually adds very little to the cost of a house, and most houses can be oriented without regard to the location of the front or side street in relation to the house.

After a house is constructed, neither its orientation nor its wall thickness can be economically altered. Therefore, superinsulation and solar orientation must be planned before construction begins, in order to achieve maximum energy efficiency.

Solar orientation





watts new

McDonough Power Cooperative Macomb, Illinois 61455

High bill? Comparing bills isn't accurate

One question we commonly hear is, "Why is my bill higher than my neighbor's? They have the same appliances we have."

There are many reasons why one family may use more electricity than another, even though they have the same appliances. Here are a few:

A housewife, or more likely the children, may open the refrigerator twice as often as others. Each time the door opens, air rushes out and the motor must run more to replace it.

Electric ranges use electricity according to the type and number of meals prepared.

One family may keep its freezer full, while another may have very little food in it. An empty freezer runs more often than a full one.

No two families have the same amount of washing or ironing. One may wash once a week, while the other does its laundry every day. Every washing and ironing adds to an electric bill.

The amount of hot water used

varies from family to family. One extra shower per day makes a big difference in electric bills over a month's time. Have your neighbors turned their water heater down to 120 degrees while yours is 140 or above? If the floor plans of your home differ, how far is your water heater from the utility or bath compared to your neighbor?

Some families keep their home much warmer than others, and that takes more fuel. And the motor and fan runs more to keep it warm.

Each factor by itself may look insignificant, but add them together and it becomes obvious that no two families live alike and, therefore, no two electric bills will be the same. Your bill may be higher than one neighbor's but it may be lower than the neighbor on the other side of the road. You pay for what you use—no more and no less.

February bills could be higher due to your usage from early December into January. That would include Christmas, when we usually use more electricity, enjoyably. The severe cold weather in the later part of December will have an effect, too.

Stop a moment to consider your usage during the time your bill is for, as electricity is our silent servant. Electricity provides you much comfort long before you are billed. How much electricity do common appliances use?

Electricity is measured in kilowatt-hours, and you are charged based on the number of kilowatt-hours you use. To analyze your usage and determine how you can adjust your lifestyle to make better use of your "electric servant," note the accompanying chart of home appliances.

Estimating usage

Appliance	Monthly kwh*
Air conditioner (room)	1 kwh/hour
(central)	2.5-3.5 kwh/hour
Automatic blanket	15
Clothes dryer	5 kwh/load
Coffee maker	8
Dishwasher	30-48
Freezer, standard (23-25 cu. ft.)	100-190
Garbage disposal	2
Heater, portable	1.5 kwh/hour
Hair dryer	3
Iron (*hand)	12
Lighting (varies widely)	75-150
Microwave	16
Radio	4
Range	100-150
Refrigerator, standard (12'-16')	100-120
Refrigerator, frost free (16')	150-230
Television (color, 4 hrs. per day)	30-40
Vacuum cleaner	3
Washing machine (automatic)	8
Water heater (standard) varies with family size	400

*The average monthly kilowatt-hour consumption figures shown on this chart are based on normal use. Your electrical consumption may be higher or lower, depending on how you and other people in your home use the various appliances and equipment.



More electricity during winter months?

Why do we use more electricity during the winter months?

That is a question the cooperative often receives this time of year. But, you are the only one who really knows why your electric energy usage increases. You are the one using the power. Still, you might not know where it was used.

Electricity is used for so many things each day we often take it for granted—we're not conscious of how usage adds up.

If your home is heated with electricity, obviously the winter months will see an increase in usage. Beyond home heating, any number of seasonal factors could be the cause of increased winter usage. Here is a list of easily overlooked reasons your electric usage may go up in the winter:

1. Holiday cooking and company
2. Greater use of lighting because of shorter daylight hours
3. Space heaters in homes and buildings
4. Livestock tank heaters
5. Car and tractor engine heaters
6. Electric blankets and heating pads
7. Increased use of clothes dryers
8. Decorative lighting during the holidays
9. More time spent inside can mean greater use of all appliances.

Meet your directors



Pigg

Lyndall Pigg

Lyndall Pigg was elected director in 1970 from District 5. Since that time he has served in the capacity of board secretary two years and board president five terms. Lyndall was elected to the

Soyland board in 1978 and has served as assistant secretary since 1982. He also serves as chairman of Soyland Farm Committee.

Lyndall grew up in the Adair area and graduated from Adair Community High School. He and his wife, Norma Jean, currently live on Route 1, Bushnell. They have two children, Barbara Turner and Steven Pigg, and four grandchildren.

Lyndall is currently a member of the board of directors of the Farmers and Merchants State Bank of Bushnell, Bushnell Methodist Church, Bushnell Odd Fellows Lodge No. 322 and presently serves the Grand Lodge of Illinois IOOF as treasurer.

Lyndall's hobbies include genealogy, reading and traveling.



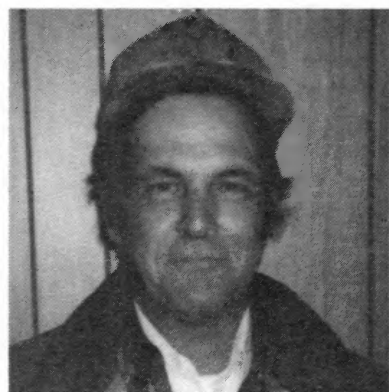
Guarin

Jill Guarin

Jill Guarin began employment as the manager's secretary in October 1989. Originally from Northeast Missouri, she has lived in the Macomb area since 1977.

Jill and husband, Phill, controller at Citizens Bank, have three daughters and one son and reside in Good Hope.

Jill is currently president of the Macomb High Noon Business and Professional Women's Club



Wilson

and a member of the United Methodist Church in Good Hope. Her hobbies are refinishing furniture and cooking.

Jim Wilson

Jim Wilson began employment in August 1989 as a lineman. He is originally from O'Fallon (St. Clair County). Jim and wife, Anita, have one son, James Jr., age 3. Jim's hobby is fishing.

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All Co-op Electric Outages 837-1400

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 LATE 1990 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 1990 or early 1991. 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.)

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County Rd. 687, Hartford, MI 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 75¢ postage and handling.
- ☐ (#002) 2 for only \$6.95 (SAVE OVER \$1.00) 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 \$_____. CA, NY, MI, residents please add sales tax. No C.O.D.'s please.

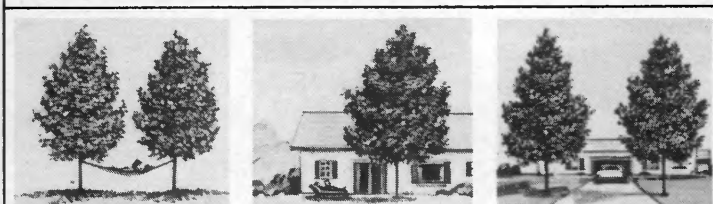
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Address _____

City _____ State _____ Zip _____

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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.

The last windshield wiper you'll ever buy. We guarantee it!

As Seen
On **TV**

■ Never change another windshield wiper blade for as long as you own your car.

■ Wiper blades so superior they're guaranteed for as long as you own your car.



Amazing

TRIPLEEDGE™
WIPER BLADE

Never Buy Another Pair of Wiper Blades

Three quality wiping edges in each direction. The first edge clears off water or snow, the second removes bugs, road film and dirt and finally the third edge squeegees your windshield clean. The distinctive barrel-shaped center resists distortion and won't "chatter" like ordinary blades. The multi-claw super structure distributes pressure evenly so **TRIPLEEDGE™ LIFETIME WIPERS** conform to the curve of your windshield, for a wipe better than conventional wiper blades.

Drive Safely... Our Wipers Keep Your Windshield Clean Through Any Kind of Bad Weather!

Why throw away good money after bad? That's what happens when you buy ordinary wipers which may not last six months. Ordinary wiper blades are made from inferior rubber and quickly deteriorate from sunlight and chemicals. They tear, crack, streak, smear and stick or freeze to your windshield. BE SAFE, the Car Care Council advises that failing to replace your current wipers in time will not only create a severe driving hazard, but can also damage your windshield with wiper scratches.

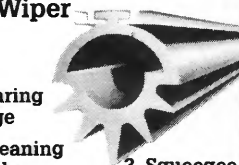


Easy, do-it-yourself installation. Each pair is custom fit to your make and model car, truck or van — domestic and foreign. Fits virtually any make, any year.

Tripledge Wiper Blades Have 3 Wiper Edges

1. Clearing
Edge
2. Cleaning
Edge
3. Squeegee
Edge

- ★ Clearing edge — removes most rain or snow without touching the glass.
- ★ Cleaning edge — gets bugs, road film and dirt.
- ★ Squeegee edge — wipes glass completely clean.



TRIPLEEDGE WIPERS are made from DuPont Nordel® — the same material used in 50,000 mile radial tires — making them virtually indestructible. Resistant to sun, heat smog and sub-zero temperatures, **TRIPLEEDGE LIFETIME WIPERS** will never tear, crack, split, rot, dry out or stick or freeze to your windshield. **WE GUARANTEE IT.** Don't wait for bad weather to replace your current inferior wipers. **ORDER your set of TRIPLEEDGE LIFETIME WIPERS... NOW!** They're the first and only wiper blades guaranteed for as long as you own your car.

You must be delighted with your purchase, or you may return it for a prompt and full refund. All orders are processed immediately.

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Yes, please send me _____ Pairs of the

TRIPLEEDGE™ LIFETIME WIPERS.

Enclosed please find ☐ check ☐ money order.

Amount enclosed \$ _____

<input type="checkbox"/> 1 Pair.....	\$19.95 + \$2.95	P&H
<input type="checkbox"/> 2 Pair.....	\$37.90 + \$3.95	P&H
<input type="checkbox"/> 3 Pair.....	\$55.85 + \$4.95	P&H
<input type="checkbox"/> Rear Blade..	\$10.95 + \$1.95	P&H

SAVE WHEN YOU ORDER 2 or MORE!

Car #1: YEAR _____ MAKE _____ MODEL _____
Car #2: YEAR _____ MAKE _____ MODEL _____
Car #3: YEAR _____ MAKE _____ MODEL _____

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watts new

McDonough Power Cooperative Macomb, Illinois 61455

Do you know these people?

This list is a follow up to the one printed in the October 1989 edition of "REN" for the individuals who have not claimed their capital credit check for the years 1965-1969. We need a current mailing address for each person, or if the person is deceased, the name and address of their nearest living relative. If you have any information pertaining to these people, please contact McDonough Power Cooperative.

A.A. Allen, Galesburg
Ada M. Allen, Macomb
Rolland Allison, Macomb
American Oil Co., Colchester
Harold Ashton, Leslie, Ark.
Ruth Atherton, Industry
Gerald Barker, Biggsville
Jesse Beam, Rushville
Mary A. Beck, Colchester
Martin Behr, Chicago
Norman Bettis, Macomb
Henry Block, Canton
David A. Brown, Galesburg
Loren W. Brown, Monmouth
H.F. Burford, Galesburg
Eldon Buskirk, Roseville
Marguerite Byland, Colchester
Maurice Cameron, Macomb
Keith Capron, Kirkwood
Walter Carlson, Monmouth
James A. Cashmeyer, Table Grove
Chet Chipman, Industry
Lynn Christy, Keithsburg
William Clark, Blandinsville
Wayne Clemens, Industry
Raymond Cook, Vermont
Helen E. Cooper, Colchester
Lowell W. Cornwell, Colchester
John Crouch, Macomb
Custom Farm Service, Decatur
Herschel Danner, Blandinsville
James Danner, Plymouth
Ruby Dean, Adair
Roland E. Derry, Colchester
Gerald Dewitt, Good Hope
Harley Dorethy, Monmouth
Irene Dorethy, Macomb
Mary J. Dunbar, Roseville
A.E. Elser, Pittsburg, Pa.
F.P. Fernow, Quincy
Larry Fisk, Macomb
Harold Fordyce, Monmouth
Clarence Foster, Rushville
Marcia Foster, Jacksonville
Nannie Foster, Concord
Robert L. Foster, Newhall, Iowa
Dwight Fugate, Meadville, Pa.
Fred Fuhr, Macomb

Alvin M. Gabel, Macomb
Emily Garrett, Carthage
R.D. Gibb, Pierre, S.D.
J.H. Gordon, Monmouth
Addie Granger, Roseville
Chester Greene, Macomb
Mabel Greer, Macomb
Playfor D. Griffith, Berwick
Edward Grisham, Rushville
Robert Guiher, Macomb
George Hager, Roseville
N.J. Hale, Peoria
Roger L. Hamm, Vermont
Winifred Hankins, Monmouth
Walter Hanks, Good Hope
W.D. Hanson, Galesburg
J.L. Hardin, Macomb
Donald Hartley, Tennessee
Floyd Haynes, Galesburg
Rollin P. Haynes, Galesburg
Donald Helms, Macomb
Ray Hollister, Macomb
Charles Hommel, Farmington Hills, Mich.
Rosella Hopping, Vermont
Michael Horacek, Industry
Caroline Hoy, Kirkwood
Hubert Huff, Macomb
James E. Hughes, Roseville
Kenneth Ingram, St. Augustine
Leila Irwin, Rushville
Clarence Ives, Macomb
Don Jackson, Macomb
Gary C. Jamison, Macomb
Charles Johnson, Roseville
Richard Johnson, Cameron
Ralph Johnston, Avon
Harry K. Jones, Monmouth
James Kelly, Macomb
Francis Kennedy, Galesburg
Freda Kettering, Galesburg
Clara Kinkaid, Monmouth
Laurence Kipling, Colchester
Donald Knuckey, Macomb
G.H. Kruse, Macomb
Wayne Lambert, Rushville
Donald Lang, Monmouth
R.B. Lantz, Tennessee

Jack E. Larson Jr., Macomb
Maple Ridge Apt., Mansfield, Ohio
Leland Lasley, Cameron
Harry Lawyer, Macomb
Lyle Lewis, Bloomington, Ind.
Raymond Likes, Milan
Crystal Lincoln, Jacksonville
William Lutz, Clifton Hills, Mo.
Lloyd W. Martin, Macomb
Dennis Mason, Good Hope
Roy F. Matthews, Galesburg
Mary McBrady, Sciota
Ivan McClain, Bonita Springs, Fla.
Dick McNeil, Macomb
Charles Meadows, Abingdon
Glenn Mercer, Littleton
Robert Meyer, New York, N.Y.
George Middleton, Peoria
Timothy Miner, Macomb
W.S. Morris
Richard Mufin, Colchester
Blondel Myers, Colchester
Larry & Anita Myers, Rolling Meadows
Glenn J. Nash, Macomb
Johnny Neetz, Silver Lake, Kan.
Mabel Nell, Rushville
Leo G. Nelson, Galesburg
Edgar Neville, Abingdon
Lucille Neville, Abingdon
Joe Nordstrom, Galesburg
Don Norton, Macomb
Roger & Sandy Perry, Justice
Virginia M. Peterson, Macomb
Ralsmon Pilcher, Cameron
Vada Pilger, Vermont
Bertha Poole, Abingdon
Emma J. Potter, Macomb
Charles Powell, Kirkwood
Frances Powell, Abingdon
Perry Price, Mission, TX
Nicholas Priddy, Macomb
Harold Quincy, Plymouth
Ralph Reed, Macomb
Edwin Rimington, Adair
Elsie Robinson, Macomb
Herbert Rosine, Hot Springs, Ark.
Ray L. Ross, Ravenna, Ohio

Arnold R. Russell, Las Vegas, Nev.
Martha Ruebush, Macomb
Karl V. Sanderholm, Roseville
Wm. Lee Saville, Table Grove
Alfred Schoenbein, Macomb
Edmund A. Schott, Rockford
Michael Schulthes, Macomb
Roy Sears, Macomb
Ogden Seybold, Blandinsville
Walter Shaw, Monmouth
George W. Sheets, Macomb
Evelyn Sherman, Colchester
Sirrel Shores, Lynn Center
Fred Sloan, Littleton
Irvin A. Smith III, Buffalo Grove
Earl Snyder, Abingdon
Bert Stockwell, Berwick
Max Stoneking, Macomb
Marvin Tabb Estate, Berwick
Raymond Taylor, Bushnell
C.E. Thomas, Avon
Virgil Thomas, Streator
Fred Thurman, Avon
James M. Tulin, Galesburg
Ardie Underhill, Colchester
Lawrence Venard, Dahinda
Burl Volkmar, Roseville
Elsie Voorhees, Bloomington
Harold H. Vorhees, Macomb
Hancock Co. Shelter Care, Augusta
John E. Waddell, Carthage
Benjamin Waddill, Carthage
Edward Wade, Indianapolis, Ind.
Robert Wadham, Cameron
Lawrence Waggoner, Macomb
J.B. Walker, Blandinsville
Reva Wardell, Havana
R.R. Welch, Macomb
West IL Outdoor Adv. Inc., Bushnell
Louis W. Wheeler, Canton
Audley Whitson, Waukegan
Lee R. Williams, Roseville
Ross Williams, Moline
Bertha Williamson, Galesburg
John A. Worthington, Roseville



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

Electric water heaters best buy

Water heating is the second largest user of energy today, and the following facts are important to know before a water heater is purchased:

- Electric water heaters need no flue, nor do they use air for combustion, therefore they can be installed close to where the hot water is being used. Not only does this minimize heat loss from the hot water pipes, it also shortens the waiting time for hot water when the faucet is turned on.

- Electric water heaters are rated at 100 percent operating efficiency because the electric element is immersed in the water so that all electric energy goes into the water. Electric water heaters have more insulation.

- A U.S. Department of Energy study projects that by 1996 most electric water heaters will cost less than gas or oil water heating.

- Electric water heaters have a good safety record. A report from the Fire Analysis Division of the National Fire Protection Association records the following:

Water heater home fires (1985)

Gas-fueled	10,100
Electric-powered	1,500

Water heater fire deaths (1985)

Gas-fueled	57
Liquid-fueled	8
Solid-fueled	0
Electric-powered	0

Water heater fire property damage in 1985 (in millions of dollars)

Gas-fueled	\$78.9
Liquid-fueled	5.3
Solid-fueled	0.2
Electric-powered	8.6

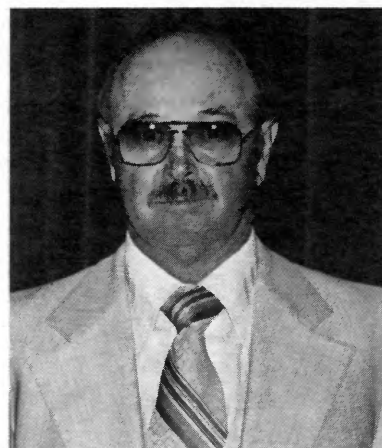
Meet your directors

O. Kenneth Moore

Originally from Southern Illinois, Kenneth "Kenny" Moore has lived in the Good Hope region for more than 30 years.

Elected to the board of directors in 1975, he was vice president for four terms and presently holds the position of board secretary. He serves as director for District 6.

Kenny has four children: Jeff, Kris, Sara and Rebecca. He is a member of the Masonic Lodge. As Kenny is a farmer, he enjoys very much being outdoors.



Moore

Meet your employees

Dawn Beck

Dawn Beck, hired in December 1989, has taken on the duties of records clerk. Dawn and her husband, Ken, a service technician for Arnold Brother Heating and Cooling, have lived in the Macomb area for two years. Dawn, originally from Michigan, received her associate's degree in administrative secretarial from Robert Morris College in Carthage. The Becks are anxiously awaiting the arrival of their first child the early part of May. Dawn enjoys crafts and decorating in her spare time.

Fandon Christian Church and enjoys reading and decorating cakes in her spare time.



Beck

Cynthia Rigg

Cynthia Rigg began as the new billing clerk at McDonough Power in November 1989. She and her husband, Craig, an English teacher for LaHarpe High School, live in the Colchester area, where Cynthia was raised. Cynthia and Craig have two children, a daughter in college and a son in grade school. Cynthia is a member of the



Rigg

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

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Will this sign greet visitors to your town?



Home town awards program honors community effort

Has your home town become a better place to live, work, play or conduct business? If so, the Governor's Home Town Awards Program wants to hear about your town's improvement efforts.

The Illinois Department of Commerce and Community Affairs, the Governor's Office of Voluntary Action, the Illinois Department on Aging and corporate sponsors are calling for entries in the ninth annual Governor's Home Town Awards Program. For the first time since its inception, the program has two corporate sponsors, Illinois Bell and State Farm Insurance Companies.

The awards program objective is simple: recognize voluntary citizen participation in community improvement and economic development efforts. The program can help a community by giving statewide recognition to those volunteer efforts that have made their home town a better place. Any city or village, or other local government, community organization, community action agency, or group of citizens within Illinois is eligible to enter the competition.

The Department of Commerce and Community Affairs (DCCA) has application guidebooks available for use in submitting projects (one application guidebook must be used for each entry). Com-

pleted applications must be received by the Department no later than April 16. Projects should reflect broad volunteer support and participation. If a project was started prior to 1989, it may still be entered, although the judges will be examining only the portion accomplished in the immediate past calendar year.

Here are a few examples of the many possible projects: commercial/industrial retention or attraction, job creation, development of a small business incubator, downtown improvements, parks and playgrounds, farmers' markets, sidewalk replacement, art workshops, adult literacy programs, nature center, bloodbanks and bloodmobiles, meals on wheels and many more.

The judging of the projects, done by a panel of impartial volunteer judges, will be based on four criteria: addressing an important community need, heavy commitment of volunteer resources, generating tangible results, and widespread community support.

Preliminary judging is done during May with those communities surviving the "cut" scheduled for site visits later in the month.

A project involving a number of communities is eligible for participation. Only one project application need be submitted for a joint project. There is no limit on the number of projects that a community may submit.

dent and general manager of Soyland Power Cooperative, Decatur.

Walsh served as co-vice chairman of the Rural Task Force and Furrow was a member. Walsh is a member of Wayne-White Counties Electric Cooperative, and Furrow is a member of Corn Belt Electric Cooperative.

The board named Donald R. Norton, 53, of Springfield, to a three-year term as the Bond Bank's executive director. At the request of the chairman and the board, Norton will remain as executive director of the Rural Affairs Council.

Provisions of the legislation authorizing the bank allow the Bond Bank to serve all towns smaller than 25,000; all counties except those over one million or counties contiguous to those counties over one million; school districts, community college districts or other units of local government.

The Bond Bank is allowed to buy the bond issues of small towns and other units of local government in rural areas.

The Bond Bank will "pool" the bond issues it has purchased into one or more larger packages, which the Bond Bank will then sell on the national bond market at more favorable interest rates for the small towns. The proceeds from the sale of the "pooled" issue go back into the Bond Bank for use with the next batch of borrowing requests from small towns.

The legislation requires a one-time appropriation from the General Assembly of \$5 million to establish and maintain a reserve fund.

The board established a "working committee," consisting of commissioners Lawfer and Williams, to begin working with the executive director and the general counsel to screen applicant firms for the positions of financial advisor, bond counsel

and underwriter. The general counsel for the Bond Bank is the firm of Shea, Rogal and Associates of Springfield.

"The Bond Bank, through pooling and other provisions, will enable small towns and other rural governments to borrow money they need at lower interest rates—and more quickly and easily—than they could ever hope to do if they went into the bond market themselves," Ryan explained, "simply because the bond market pays attention to the large and more sophisticated bond issuers and does not pay attention to the small towns which still need to borrow money."

"The Bond Bank puts smaller government borrowers on a 'more level playing field' with large government," Ryan concluded.

By statute, the Illinois State Treasurer is vice chairman of the Rural Bond Bank Board of Commissioners.

The board also voted to approve operating rules and directed that they be filed with the Joint Committee on Administrative Rules (JCAR) with the request that they be considered on an emergency basis.

Preliminary work to establish the Bond Bank was accomplished with a \$125,000 appropriation for Fiscal 1990.

A one-time appropriations request of \$393,626 will be presented to the General Assembly for Fiscal 1991. The structure of the Bond Bank will allow it to become self-sustaining in the future and require no additional State funds.

The House and Senate sponsors of the Illinois Rural Bond Bank legislation were Reps. Richard Mautino of Spring Valley, Ted Leverenz of Maywood and Tom McCracken of Westmont; and Sens. Richard Luft of Pekin, Jack Schaffer of Crystal Lake and Penny Severns of Decatur.

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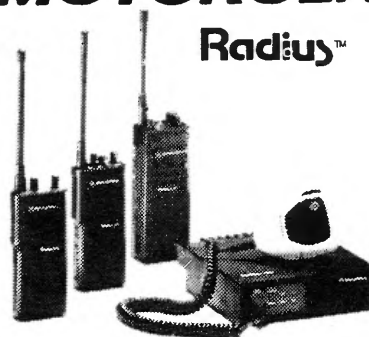
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McDonough Power Cooperative Macomb, Illinois 61455

Two local representatives show support

Members of Illinois electric and telephone cooperatives will benefit from a bill being co-sponsored in the Illinois General Assembly by Rep. Bill Edley (D-95, Macomb) and Rep. David Hultgren (R-95, Monmouth. The bill, HB 2936, will allow electric and telephone coop-

eratives to retain invested capital for their members and reduce paperwork accounting for capital credits. The bill is co-sponsored by approximately 30 other members of the legislature representing electric and telephone cooperative service areas.

If HB 2936 is approved by the Illinois General Assembly and signed into law, Illinois will join a growing number of states across the nation approving legislation to exempt the capital credits of electric and telephone cooperatives from state unclaimed property acts.

The storm has passed, but danger lingers on

While we understand the urgency of restoring electric power to all of our consumers after a severe storm, we consider hazardous conditions created by the storm to be our first priority. That means the detection and repair of downed overhead power lines, and we need your help.

Power lines that have been snapped or pulled down as the result of a storm present a serious,

even deadly danger.

If you come across a downed wire, stay completely away from it. Don't touch the lines, the pole to which it is attached, or anything else in contact with the wire. Call us immediately—don't assume someone else will. We want to know about downed wires immediately so we can send our trained linemen to make the needed repairs.

Take some time today to teach your children about the dangers of downed electric wires. Instruct them to tell you or another adult as soon as possible about the problem and to warn other children away.

Never, never assume a wire is harmless. Let us make the determinations and the repairs, together we will continue to keep our community safe from electric accidents.



Tornado season is here!

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 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 help to deter damage.



Spring Into Summer With A Safety Check.

**Spring cleaning.
Outdoor repair work.
Summer fun.**

No matter how you start the spring-summer season, the first thing to complete is a safety check.

If you're using power tools and cleaning equipment outdoors, make sure cords are the three-wire kind and are connected to a ground fault interrupter-protected circuit.

Be careful working with your antennas for TV and CB radios. Look skyward to make sure there is plenty of clearance to avoid contact with power wires.

And if the kids go kite-flying or plan to build a tree house, check carefully to make sure there are no power lines nearby.

Contact us if you have any questions on how to help you spring into summer as safely as possible.



Dick Dunsworth (right), McDonough Power Cooperative operating supervisor, accepts 1989 safety awards for McDonough Power Cooperative from Bud Walls, chairman of Illinois Electric Cooperative Job Training and Safety Committee. McDonough Power Cooperative had another accident-free year in 1989. This is the third year in a row to be accident-free and the fifth year with no lost-time accidents. For the third consecutive year, the cooperative was honored for the best three-year safety record among electric cooperatives in Illinois. William C. Lemons, McDonough manager, said, "Employees of McDonough Power are to be commended on their safety record. A good safety program saves the Cooperative money, but the most important thing is that there is no pain and suffering by anyone. This is a tribute to the professionalism and dedication of McDonough Power employees."

Meet your directors

Stan Prox

Stan Prox began serving as director from District 4 in 1987. Stan and his wife, Linda, a teacher for the Colchester school district, live on Rural Route 1, Macomb. They have two children: Carrie, 23, and Colette, 18. Stan enjoys raising registered Black Angus cattle. He is a member of the Illinois Angus Association, director for the Illinois Beef Expo and vice president of the Illinois Land of Lincoln Association.



Prox

DIRECTORS

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Energy & you

DOE looks to electric cars, new fuels, conservation

This is one in a series of articles relating to energy in general. The articles are prepared by the Rural Electric News Service of the National Rural Electric Cooperative Association, the service organization of the nation's rural electric systems.

Imagine a future in which gasoline-fueled cars are old-fashioned, when the electricity in your house is made from recycled garbage and when appliances and lights and cars are uniformly efficient.

Or envision a smog-filled future with long lines at gas pumps, high home heating bills and a United States at the mercy of oil-rich Third World nations.

While observers point to either scenario as a possibility in coming years, U.S. Department of Energy researchers hope to avoid the second picture by helping to generate energy without increasing pollution or America's dependence on foreign oil.

Energy Department researchers are searching for new ways to fuel cars. Some new methods already have been developed, while others are decades away from hitting the market.

Electric vehicles are already appearing on the scene in a limited way. The Energy Department, along with a few private companies, made great strides by building one that could run for more than 100 miles

without recharging, according to a government report.

Based on that research, General Motors announced plans to introduce an electric van to the market last year. Limits in the technology have prevented more widespread sales.

"There are some commercial electric vehicles available now," said Roger Meyer, a spokesman for the Department's conservation and renewable energy branch. "But right now, we're still limited and probably will be until the mid-to-late 1990s."

The Department has continued its research on electric vehicles, though, especially on methods to make their batteries more powerful and resilient.

Finding new kinds of transportation is only one way the Energy Department hopes to wean the nation off its dependence on foreign oil. Researchers also are looking at new fuels for existing cars.

In conjunction with the U.S. Department of Transportation, Energy Department scientists have focused their efforts on alcohol-

"We have a good bunch of customers," Mike says, "and we try to operate the restaurant so they'll know we appreciate them."

Liberty is largely a farming town, and it takes an early riser to get coffee—and breakfast—ready for some of the customers who come into the antique-decorated restaurant.

"There's a story behind the antiques," Colleen laughs, "and it's a simple one. We virtually carried everything over here from our home. We both like them, and our customers often comment on them, too. Most are the kind of things you'd expect to see around a farm home, or farmstead, about 50 or so years ago."

Mike notes that the cafe opens at 6 a.m. and that there are often customers waiting for him to open the doors. Before too long, the place will be abuzz with conversations ranging from world events to local events to crop and livestock prices.

The Brinkmeyers note that it takes good workers—they have four cooks and nine waitresses—and a lot of work to keep a business going. And a lot of hours. "I put in 95 hours a week," Mike says, "and Colleen puts in 31. She cleans houses five days a week, too. And the kids help. Christopher is 18 and Robbie's 10."

Colleen is quick to praise the restaurant's employees. "You can work and manage all you want," she says, "but having good help is what it's all about, in the long run."

The Rural Small Business Energy Program is designed to provide financial assistance to small businesses receiving electric service from an electric cooperative. The money is to be used for weatherization and energy conservation purposes.

Money for this program is made available from the state's Petroleum Violation Fund. The fund came from penalties assessed by the federal government against oil companies for overcharges they made to consumers.

Eligibility requirements include:

- The business has no more than 12 full-time employees.
- The gross income of the business is less than \$1.5 million.
- The business transacts the majority of its business within Illinois.
- The owner(s) of the business resides in Illinois.
- The owner(s) obtains at least 30 percent of their income from the business.

Any applicant that received a grant through the Rural Home Energy Grant Program are not eligible for additional energy improvements from this program. Grants are not available for new construction.

An energy audit of the business is required. This audit will help in determining the most beneficial improvements. All improvements must show an energy cost savings payback of less than 10 years.

The applicant's electric cooperative is required



Mike and Colleen Brinkmeyer operate Mike's Place.

to review and verify all applications before they are submitted to the Illinois Department of Energy and Natural Resources. The cooperative does not, however, approve or reject any applications.

In most cases, the matching grant will not exceed \$5,000. Participants will be required to match the amount of the grant.

Eligible measures:

- Caulking and weatherstripping
- Furnace efficiency modifications
- Replacement furnaces or boilers, which means a replacement furnace or boiler with an annual fuel utilization efficiency (AFUE) of greater than 90 percent
- Furnace replacement burner (oil)
- Intermittent pilot ignition devices
- Replacement water heaters, which means a device for heating water for domestic use that meets the ASHRAE 90 Energy Efficiency Standards, as required by Illinois Public Law 84-276
- Heat pumps, which means a device for heating or cooling with a SEER rating of 8.6
- Insulation for ceiling, walls, floors, ducts, pipes and water heaters
- Storm doors and windows
- Electric motor efficiency modifications
- Alternative fuels systems
- Solar domestic water heaters
- Electric load management systems
- Lighting retrofits.



watts new

McDonough Power Cooperative Macomb, Illinois 61455

Nominating Committee will meet June 28

Members of the 1990 Nominating Committee have been appointed by McDonough Power Cooperative's board of directors. The committee will meet June 28 at 7 p.m. to nominate candidates for election to the board of directors at the 1990 annual meeting of members to be held August 30 at the Fellheimer Auditorium in Macomb.

District 1 (composed of the west half of Scotland Township and east half of Chalmers Township in McDonough County): Herschel Bryan, RR 3, 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): Lewis O. Fowler, RR 4, Macomb.

District 3 (composed of all of Hire, Tennessee, Colchester and West Half of Chalmers townships in McDonough County and parts of Fountain Green and Hancock townships in Hancock County): Jake Runner, RR 2, Blandinsville.

District 4 (composed of all of

Blandinsville, Sciota and Emmett townships in McDonough County): Jan Runner, RR 1, Colchester and George Sperry, RR 1, 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): Dave Clark, RR 1, Bushnell.

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, RR 1, Good Hope and Melvin Weaver, RR 1, Bushnell.

District 7 (composed of all of Raritan, Point Pleasant, Swan Creek, Greenbush and Media townships in McDonough County): John Ewen, RR 2, Roseville.

District 8 (composed of all of Biggsville, Tompkins, Ellison, Roseville, Lenox, Monmouth and Spring Grove townships in Warren County): Lawrence Ischer, RR 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): Walter Hawkins, RR 1, Cameron, and Gene Youngquist, RR 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 principle 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 4, 6 and 9 expire this year. Directors presently serving on your board of directors are: District 1, Wade Blansett; District 2, Jerry Riggins; District 3, Bill Pollock; District 4, Stan Prox; District 5, Lyndall Pigg; District 6, Kenneth Moore; District 7, Harold Anderson; District 8, Howard Butler; and District 9, Thomas Curtis.

Plant a tree

With the publicity that the 20th anniversary of Earth Day has given, there will be many new trees planted this year.

Trees are very important. They provide us with wood, nuts, fruit, shade and paper, along with the all important oxygen that we breathe. A mature tree can remove between 25 and 45 pounds of carbon dioxide from the air every year.

Trees planted in the proper locations around dwellings can cut

energy cost considerably. Well-placed trees can shade buildings, cutting air conditioning costs by up to 50 percent. In the winter, shrubs planted around the foundation keep cold winds from entering the house. The shade trees lose their leaves, allowing warm sunlight in the windows.

It is important when making a decision to plant a tree that you choose a variety well suited for our climate as well as the area where you are to plant it.

Please, don't plant the tree under

a power line or even too close. Our right-of-way code calls for a clearance of 10 feet on each side of the power line. Help us maintain this. If you have any questions on where to plant trees, or want underground power lines located, please call our office.

Office closing

McDonough Power Cooperative will be closed Monday, May 28, in observance of Memorial Day.

Getting in the swing

When sharpening your hoe or mower blades, be sure the sharp edge is pointing away from you.

Check your mower and tiller engines. Be sure you are in a well ventilated area or outside.

If you use insecticides and pesticides, keep them out of reach of small children and pets.

Don't strain your back. Lift with your knees, remember, also, it is better to deep knee bend rather than reaching from the waist.

Try broadcasting a small area with lettuce rather than planting it in rows. You can pick up a brochure at your local garden center on organic gardening. It can tell you how to plant your dill and marigolds and vegetables as companions. The odor of the herbs and flowers are natural insecticides.

Wear gardening gloves to save your hands and nails.

If you don't like to wear gloves, put soap under your nails and rub a good lotion into hands before and after gardening.

Clean your windows with ½ cup vinegar in one gallon of water.

Shine with crumpled newspapers to end lint streaks and get a better shine.

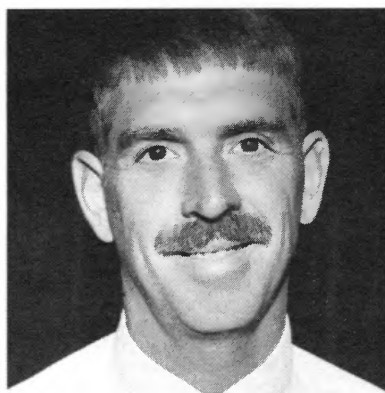
Use some scented moth crystals. Just a few will freshen closets.

Left over paint will not get that thick film on top if you put some plastic wrap over the paint before you seal the lid. Be a label reader and never misuse household chemicals. Wear rubber gloves to protect your hands. Water and cleaning solution make hands rough and soften nails.

Meet your directors

Jerry L. Riggins

Jerry Riggins, elected as director in August 1988, serves District 2. Jerry and wife, Lynn, an employee of the McDonough County Agricultural Stabilization and Conservation Service (ASCS), live on Route 4, Macomb. They have three children: Andrew 15, Lisa 13, and Carrie 9. Born and raised in McDonough County, Jerry serves on the Bethel Township Board and is a member of the Trinity Lutheran Church, McDonough County Pork Producers and the



Riggins

Industry Masonic Lodge. Jerry enjoys being with his children and attending their activities.

Hot weather tips

When temperatures start to soar this summer, these techniques will help you keep cool:

- Keep windows and doors closed when cooling equipment is operating

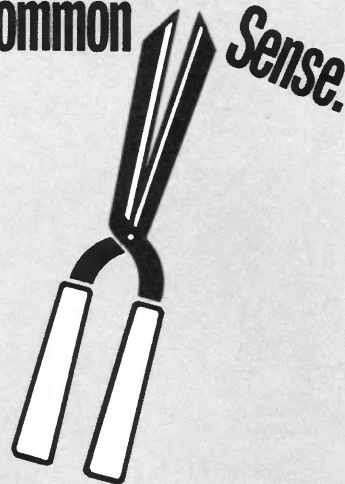
- If possible locate air con-

ditioning units on shady side of the house and clean filters regularly

- Make use of portable fans, ceiling fans or attic fans

- Install awnings or other shading devices over windows exposed to direct sunlight.

**Take A Little Time.
Use A Lot Of
Common Sense.**



If you're planning to cut down a tree or trim dead branches, take a little time to make sure there are no power lines nearby.

If the tree or branch does touch a power line, call us right away. Wood can be a conductor of electricity if it is damp or retains moisture, so please don't try to remove the tree yourself. Our experienced personnel know exactly what to do.

Take a moment to assess the situation; use your common sense! You'll be glad you did . . . and we will too.

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

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REPORT ON FLEABUSTER

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WHAT SATISFIED USERS SAY:

"... Our vet was impressed! It's so nice not to have fleas in the house ..."

A.W., Pt. Arthur, TX

"Last year our beloved Irish Setter Kerry was so flea prone ... NO MORE. She is never without her collar, and not a trace of fleas ..."

P.B., Knoxville, TN

"We now have two contented beagles ... The flea and tick problem is nonexistent."

G.R., Key West, FL

NO POISONS — NO CHEMICALS

SAFE... EFFECTIVE... AND Guaranteed To Work!

FleaBuster comes complete with a durable nylon collar, long-life Duracell batteries and a one-year warranty. If for any reason you are not totally delighted with your FleaBuster, return the unit within 30 days for a no-hassle refund.

U.S. Consumer, Dept. FC-40

2721 US 19 N, Suite 173, Palm Harbor, FL 34684

☐ One FleaBuster \$19.75 plus \$2.75 shipping & handling.

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Enclosed is \$_____ FL & MI res. add sales tax.

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Free Picture Catalog Chicks, Turkeys, Ducks, Pheasants, and Guineas

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Shown in
Color

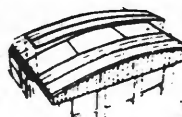
Over 60 Varieties. Chicks, Rare Breeds, Fighting Games, Jungle Fowl, Ducks, Bantams, Pheasants, Turkeys, Chukars, Guineas. Books, Incubators, and supplies. Safe shipment nationwide. We accept Mastercard & Visa. Send for FREE Big new colorful picture catalog.

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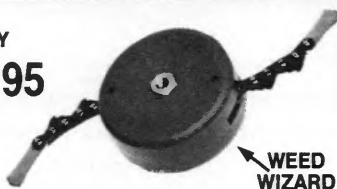
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tal Protection Agency. If current trends continue, O'Connell says, "Americans will own more vehicles and make more trips than ever by the year 2000. It is unlikely that replacing older cars and trucks with (cleaner petroleum-based fuels) will offset the growth in emissions due to the sheer number of vehicles."

The California Air Resource Board says that electric vehicles are 64 times cleaner than gasoline-powered cars in hydrocarbon emissions and 174 times cleaner in carbon monoxide emissions.

The experimental van uses no energy when it's not moving, unlike typical combustion engines, which burn fuel even when idling. But it costs about double the price of a conventional, gasoline-powered van.

Still, opinion polls show that Americans are willing to spend more for energy if it means having a cleaner environment, so electric vehicles are beginning to appeal to a more massive audience.

They produce no pollution when in use; in fact, the only pollution related to electric vehicles is that of the power plants that supply them. And power plants are cleaner sources of energy than gasoline engines, O'Connell says.

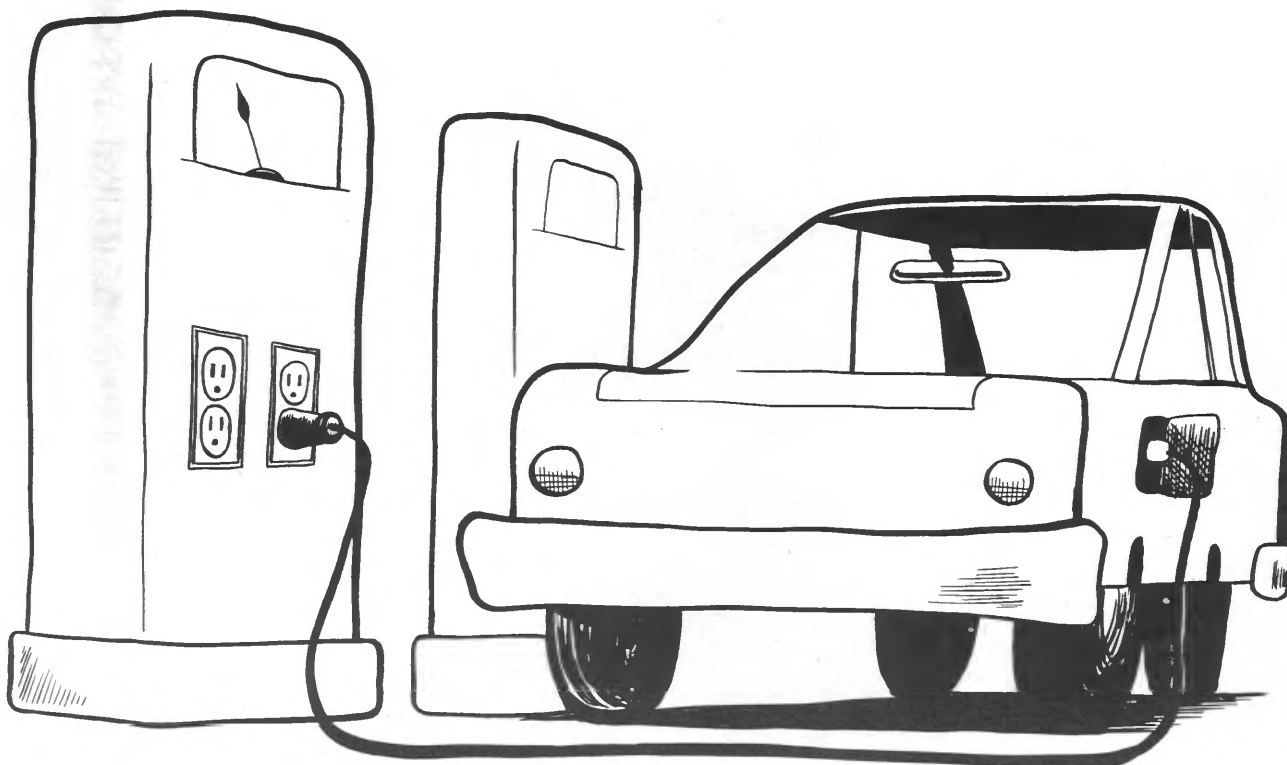
While research into alternative

fuels such as methanol and natural gas are also stepping up, they're not as ecologically pure as batteries, says Jerry Mader, president of the Electric Vehicle Development Corp. Mader, whose group was formed in 1983 to guide long-term development strategy for the electric vehicle industry, says, "Any alternative fuel would still affect the environment. There is no methanol industry to speak of in the country. There would be tremendous cost involved to set up production and distribution systems. Natural gas is the same. And both have emissions."

EPRI says its G-Van produces 97 percent less pollution than a regular gasoline-powered van.

The approach of electric vehicles appeals to the utility industry. "Right now, if 10 percent of the population went to electric transportation," Mader claims, "the demand for electricity would increase by only 1 percent. We have a 40 percent under-utilization in our industry now anyway."

He adds that production and distribution systems for electricity are already in place. "There is plenty (electricity) available in the off-peak, nighttime hours, which is when electric vehicles would be recharged."





watts new

McDonough Power Cooperative Macomb, Illinois 61455



Balloons are fun, but can be costly

Did you ever wonder how far a helium-filled balloon would travel if you released it?

Please just guess and don't release any balloons, especially the metallic type that are available at any store or shop today. These balloons have created a hazard for electric utilities. They can become entangled in the power lines or in substations. Being metallic they can cause arcing, power outages and major damage to equipment.

On the evening of May 2, the balloons in the photograph were removed from our 69 KV transmission line on the north edge of Macomb. They were creating a beautiful but potentially hazardous display with the arcing. Fortunately they didn't cause any damage or outage, but it was expensive sending a lineman out on overtime to remove them.

In 1987 it was estimated that balloons of this type caused \$600,000 damage in California.

Capital credits

The bylaws of the cooperative state that the cooperative pay capital credits 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 capital credits.

Capital credit refunds have been paid to all members through 1969.

The capital credit refund factor for the year 1989 is .07187 percent. This percentage factor is multiplied times the amount of revenue you paid the cooperative for electricity during the year of 1989. This amount is assignable on the books of the cooperative for the year.

If you wish to know what amount is assigned to your account, please contact the cooperative.

Office closing

McDonough Power Cooperative will be closed Wednesday, July 4, in observance of Independence Day.

As you observe America's birthday please include a little common sense along with your festivities.

Use extreme caution with fireworks—make sure a responsible person is always in charge.

Do not leave outdoor grills, barbecues and campfires unattended.

Supervise the fun and games. Use a buddy system or have a lifeguard present at the swimming hole or the pool.

Don't overdo on food and drink.

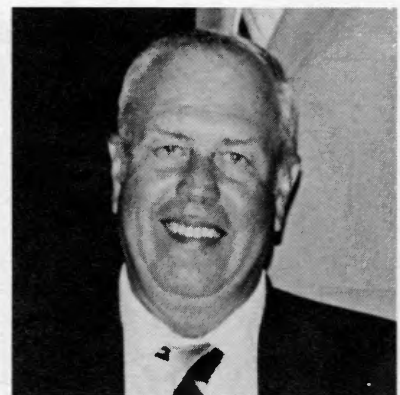
And have a happy and safe "4th"—It's a birthday we can all enjoy.

Meet your directors

William Pollock

Bill was elected to the board of directors in 1978. He served as secretary to the board for four years and has served as vice president since 1987. Bill and his wife, Mary Jane, who is employed at Thermo-Gas in Blandinsville, are both originally from Industry. The Pollocks reside at Rural Route Colchester. They have four children: Scott, Bruce and Mike, who live in the Colchester area, and Pamela Hubbert of Winchester. They also have five grandchildren.

Bill enjoys his hunting dogs,



Pollock

trail riding and camping. He raises cattle and farms approximately 800 acres with son Scott.

Capital credit refunds total \$155,000

Checks totalling over \$155,000 will soon be going to members of McDonough Power Cooperative who received electric service from the cooperative during the years 1970 to 1971. Checks will be mailed to McDonough members during the week of June 21.

McDonough Power Cooperative manager William C. Lemons said this is the second time the cooperative has issued capital credit retirement checks to members since 1964.

Capital credit certificates are issued to all cooperative member-owners at the end of each fiscal year and represent funds paid into the electric cooperative by the member-owners over and above the actual costs of providing electrical service. The amount of capital credits assigned to the account of each member is directly related to the total patronage of the member during that year.

Lemons explained that normally a cooperative requires excess

operating income to make needed improvements in the cooperative's electrical distribution system or to retire debt. "This becomes the members' investment in the physical plant," he said. "This is an obligation the cooperative has to its members, and we are extremely pleased that our operating results the past few years have allowed the cooperative to resume retiring older capital credits."

Lemon's said the McDonough Power Cooperative board of directors has set a goal of retiring capital credits each year so long as financial conditions permit. The Rural Electrification Administration and the National Rural Utilities Cooperative Finance Corporation, the two organizations that provide investment capital to electric cooperatives across the nation, recommend that cooperatives retire capital credits assigned to members on a 20-year rotation basis. Lemons said the McDonough board hopes

to pay capital credits on an even more timely basis.

Lemons said that capital credits paid by electric cooperatives represent the most significant difference between electric cooperatives and other utility organizations. "Electric cooperatives operate on a not-for-profit basis," Lemons said. "In an investor-owned utility the excess of income over cost is paid out to stockholders while in an electric cooperative the excess of income over cost is returned to the members as capital credits. We are pleased that approximately 4,500 residents of our service area will soon see benefits of their cooperative membership in the form of capital credit checks."

McDonough Power Cooperative serves 4,610 meters over 1,376 miles of energized lines in mostly rural portions of McDonough, Warren, Knox, Fulton, Hancock, Schuyler, and Henderson counties.

McDonough County 4-H and Junior Fair

The 1990 McDonough County 4-H and Junior Fair will be July 16-19, at the 4-H Center, 3022 West Jackson Road, Macomb, according to Larry L. Wachtel, McDonough County Extension Advisor, Youth.

Judging of projects begins at 9 a.m. Tuesday, July 17, with sheep judging in the 4-H barn. This is open to the public. Judging in the 4-H auditorium begins at 9:30 a.m. This judging is closed to the public.

This year's fair will feature a decorated cow, pig

and critter contest.

"There are actually two fairs in one," states Wachtel. The 4-H Fair is for all McDonough County 4-H members. The Junior Fair is for all youth between 8 & 19 who live in McDonough County, or belong to a McDonough County 4-H club or attend school in McDonough county.

The events are open to the public.

4-H and Junior Fair 1990

July 16	
5:00-8:00 p.m.	Check in all non-livestock exhibits in 4-H auditorium
10:00 p.m.	All livestock to be in place
July 17	
9:00 a.m.	4-H & Junior Sheep Judging
9:30 a.m.	4-H General Projects Judged
2:00 p.m.	4-H & Junior Goat Judging
6:00 p.m.	4-H Cat Judging
	4-H Dog Show
7:30 p.m.	4-H Dress Revue
8:00 p.m.	TBA

July 18	
9:00 a.m.	4-H & Junior Swine Judging
2:00 p.m.	4-H & Junior Horse Show
2:30 p.m.	Special Games for the Younger Youth
7:30 p.m.	Decorated Cow, Pig and Critter Contest
9:00-11:30 p.m.	4-H Record Dance

July 19	
9:00 a.m.	4-H Junior Beef Show
2:00 p.m.	All 4-H & Junior Exhibits Released
3:30 p.m.	Junior Show Checks Issued

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

DRESSING SPECIAL

For important occasions

5558: Dressing special for important occasions. Blouse, full skirt and slim skirt (two lengths) can be mixed or matched. Misses' Sizes 6 to 16. State H(6-8-10) or Q(12-14-16) when ordering.

5640: Charming trio. Dress choices: pin tucked or not, high or low waist and two sleeve lengths. Toddler Sizes 1 yr., 18 mos., 2 yrs., 3 yrs., 4 yrs. are included in pattern.



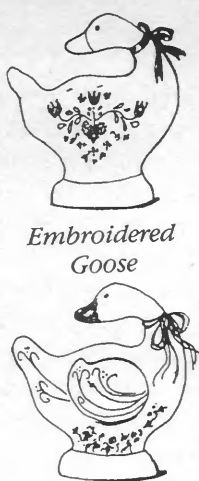
Fashion and Craft Catalog with new SPRING/SUMMER SUPPLEMENT 0257. FREE pattern with first pattern order from catalog. \$2.50 plus \$1.25 S/H each.

OFFER GOOD THRU OCT. 31, 1990.



5697: Easy elegance for weekdays and weekends. Raglan sleeved dress has an elastic waist and long or short-flared sleeves. Misses' Sizes. State N(10-12-14) or U(16-18-20) when ordering.

OFFER GOOD THRU NOV. 30, 1990



Embroidered Goose

5135: Accent your home with this lovely embroidered goose. Goose is approx. 20" tall and comes with transfers for country and Victorian motifs. Printed pattern, directions included.

OFFER GOOD THRU OCT. 31, 1990

DESIGNER



Summer's soft side is interpreted in this day or evening dress. Femininity flows from shoulders to hem; cascading sleeves top elasticized waist and flaring skirt. Ideal in a flowery or solid crepe de chine, charmeuse or rayon. Designer Pattern 4185 is available in Misses' Sizes 10 to 20.

OFFER GOOD THRU OCT. 31, 1990



5113: Add a look of elegance to your table with this lovely cloth. Filet crochet cloth or centerpiece in sizes 40" or 60". Use No. 30 cotton. Directions, charts included.

OFFER GOOD THRU NOV. 30, 1990

DRESSING IN PARTS

Pieces that mix and match

5695: Forever fresh. Two piece dress includes: top with V-neck, shawl-tie, elongated or sailor collar and trumpet skirt. Misses' Sizes. State H(6-8-10) or Q(12-14-16) when ordering.

5694: For town and travel. Ensemble includes: unlined cardigan, cap sleeved top and hip-yoked skirt. Misses' Sizes. State K(8-10-12) or R(14-16-18) when ordering.

Fashion and Craft Catalog with new SPRING/SUMMER SUPPLEMENT 0257. FREE pattern with first pattern order from catalog. \$2.50 plus \$1.25 S/H each.

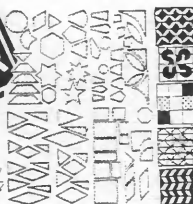
OFFER GOOD THRU OCT. 31, 1990.

CRAFT CORNER



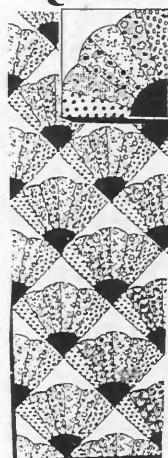
950: Sew this French influenced Pierrot clown and his authentic outfit. Directions, pattern tissue for 20" doll and clothes included.

OFFER GOOD THRU AUG. 31, 1990



770: Attention quilters! Over 75 transfers to make templates! Save money, time! Make templates from our transfers; also includes most popular charts; design your own quilt. Transfers, charts and Directions.

CLASSIC QUILT



475: Grandmother's Fan quilt to make of pretty prints or left-over scraps for great effect. Patch patterns, directions for single and double size.

OFFER GOOD THRU OCT. 31, 1990

SWITCHABLES

Pieces that mix and match.

5696: Skirting the issue. Mock wrap skirt has an elastic waist; trumpet skirt has a center back zipper. Misses' Sizes. State KK(8-10-12-14) or QQ(12-14-16-18) when ordering.

4183: Simply perfect. A wardrobe of blouses in one pattern. Easy good looks for work or weekend fun that are easy to cut, sew and fit. Misses' Sizes 12 to 22.



OFFER GOOD THRU NOV. 30, 1990.

PATTERNS

TO: PATTERNS
Illinois Rural Electric News
P.O. Box 3787
Springfield, Ill. 62708

I have enclosed \$_____ (\$4.00 per pattern — cash, check or money order accepted) for the following patterns (please allow four weeks for delivery):

Print Name _____

Pattern No. _____ Size _____ Pattern No. _____ Size _____

Address _____

City _____

State _____ Zip _____

Did You Make This Mistake In Writing Your Will?

Did you know that writing a Will may be one of the biggest mistakes we can make? It's true!

A Will doesn't protect our loved ones against paying huge fees to lawyers, executors and courts for even the smallest estate. Probate can slice up to 10% or so from an estate and take months or years for final settlement.

In fact, the only thing worse than having just a Will is the nightmare that's created when you have no Will at all.

Because then the State steps in to decide who gets our assets -- our bank account, home, car, valuables, other possessions. Money we've worked so hard to earn is gobbled-up by court and legal fees before our heirs ever get one penny.

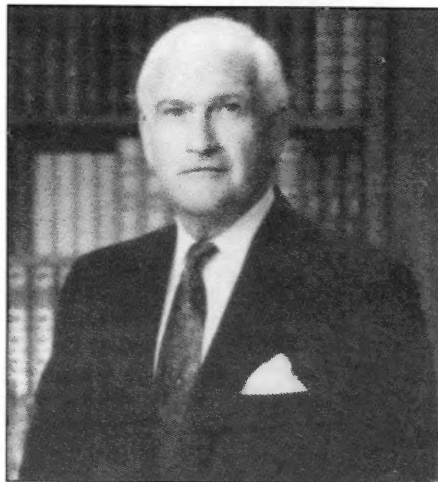
What can the average wage earner do to avoid the financial headaches of a Will? Plenty.

Today, under current laws anyone can eliminate costly legal and court fees with a little-known, simple legal paper called a Living Trust. And you don't have to be rich to enjoy its benefits.

A Living Trust has been praised by our nation's leading financial planners, and reported in publications such as *The Wall Street Journal*, *Money Magazine*, *Business Week* and others because:

- It eliminates the costly and lengthy probate process. The estate goes directly to your heirs without going through the courts.
- It eliminates the need for an attorney and legal fees that cut your estate. Does away with all court costs, too.
- It gives you complete control of your estate to make sure that all your wishes are carried out.
- A Living Trust is revocable, which means that you can change your mind at any time about who is going to receive your assets.
- It gives you the right in most cases to name yourself as a trustee, and your spouse or someone else as a co-trustee. Plus the right to change trustees at any time.
- If you own out of state real estate, like a vacation house or cabin, you can save a bundle by avoiding the need for probate in a second state.
- Unlike a Will where your finances and everything you own is a matter of public record for anyone to see, a Living Trust is secret.

The *Wall Street Journal* reported that it takes two years to complete the average probate in California. The article also



Is your Privacy worth a moment of your time? Attorney Marshall Sanson says, "a Will could 'broadcast' the intimate details of your family's finances."

stated that since a Living Trust is much faster, cheaper, and more private than settling a Will, there are many advantages to using a Living Trust instead of just a Will.

And *Business Week* reported that many people are using a Living Trust instead of a Will to reduce the possibility of heirs fighting over your estate.

You must never forget that a Will must be probated and the fees for the probate lawyer and executor -- not including court fees -- range from 6% to 10% and are paid before any of your heirs receive their inheritance. That can take a big chunk out of even the smallest estate when attorneys charge anywhere from \$60.00 to \$150.00 an hour or more!

Look what happened to Martin Quiler's estate:

- Quiler left a \$61,581.32 estate to his son. The son had "Dad's Attorney" sell the family home and handle probate. The cost? The attorney pocketed \$3,895 in direct fees and paid thousands of dollars in expenses. When he got through the estate had shrunk by over \$20,000.00!
- Karl Dock didn't have much to leave his four children at his death. After the cost of settling final expenses, guess what? Probate left Karl's estate flat broke.
- R.L. Roberstone thought his Will would get his \$158,000 estate safely to his heirs. He didn't know his attorney would get almost \$6,500.00 for services and that thousands more would vanish through probate.

The pity of it all is that these people

could have avoided having large bites taken out of their hard-earned property by using a Living Trust. They could have passed every cent to their loved ones without squandering money on probate.

If you think a Living Trust is only for millionaires --- you couldn't be more wrong. Whether you earn \$25,000 or \$100,000 a year -- and whether your assets are huge or small -- a Living Trust will save you money. In fact ...

...on a percentage basis Living Trusts save more on small estates than large ones!

And you can save even more because we have shown hundreds of thousands of people just like you how to do it. It's simple.

The DSA Living Trust Kit was developed after much research with a team of legal scholars and practicing attorneys. It explains in easy-to-understand language how to set up your own Living Trust.

Instructions and guidelines are written in simple English. Illustrated step-by-step forms show you how to custom-tailor a legal trust to meet your special personal needs.

- Titles to your real estate, automobiles, boats, stocks, etc. are all safeguarded in your Trust.

Though DSA's exclusive Living Trust Kit will save you a small fortune -- and save your loved ones thousands of dollars later on -- we have kept the price especially low to enable everyone to benefit from it. Less than the cost of a good dinner out. We are so certain that you will find it invaluable that we insist you examine it on a 90-Day No-Risk Guarantee. It's easy to get your Living Trust Kit. All you have to do is print your name and address and the words, "Living Trust" on a plain piece of paper. Send it along with your check or money order in the amount of \$19.95 plus \$2 handling or charge to your VISA/Mastercard by including account number and expiration date to: DSA Financial Publishing Corp. 708 - 12th Street N.W., Dept. W676, Canton, Ohio 44703. For even faster service, VISA/Mastercard only, call toll free 1-800-321-0888, Ext. W676.

Examine and use the Kit in the privacy of your home for 90 risk-free days. Show it to your lawyer. If you are not 100% convinced it's everything you expected -- don't keep it. Simply tear off the cover and send half of it back. You will receive a full refund. Fair enough?

A Living Trust is too important to put off another day. Order by phone or mail now!

©1989 DSA DW511



watts new

McDonough Power Cooperative Macomb, Illinois 61455

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 accompanying 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, etc.

For efficiency don't forget to check the energy efficiency ration (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 you 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 closed 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	Uninsulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Uninsulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Uninsulated ceiling under attic	Ceiling under occupied room or insulated ceiling under attic	Uninsulated 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

McDonough Power Cooperative annual meeting

The 53rd annual meeting of McDonough Power Cooperative will be held Thursday, August 30, at the Fellheimer Auditorium at the Macomb High school.

Registration begins at 6:30 p.m., and the meeting begins at 7:30 p.m.

The August REN will have further details of this annual meeting and you will be receiving your notice in the mail previous to the meeting.

Featured entertainment will be the Macomb Prairieland Barbershop Chorus.

Want a lush, green lawn? Try these tips

A lush, green lawn brings beauty to any landscape. Here are a few tips that will get your lawn ready for summer's outdoor activities.

Soil testing

A soil test is needed to determine the lime and fertilizer requirements. The test results will indicate soil pH. A soil pH between 6.0 and 6.5 is optimum for grass growth. Soil testing and sample bags may be obtained from your area extension office for a nominal fee. Soil tests should be sent for analysis two months prior to your planting date.

Soil amendments

A soil test will indicate if organic matter is required. Organic matter, such as peat moss or compost, can be added to clay soils to improve drainage and aeration. The same

organic matter can be added to sandy soils to help hold water and nutrients in the soil. Fresh organic matter like manure, straw or fresh sawdust is not usually recommended because it can cause a temporary nitrogen imbalance that will lead to slow growth and yellowing. Well-rotted sawdust from Illinois's forestry industry is readily available and is acceptable for amending soils.

Seed vs. sod

There are many more species and varieties of seeds to select from compared to sodding. Initially, seed is less expensive than sod. However, successful establishment is more risky with seed than with sod, and if reseeding, the overall expense may be less with sod. Also, because of the time required for plants to

become rooted in the soil, the area is exposed to excessive erosion. Sodding eliminates such problems, a consideration which may be especially important on steep hills or banks.

Watering

New lawn will require special irrigation. A newly seeded lawn will need to be watered daily and may need as many as four light waterings in a single day if conditions are dry and windy. The seed bed should be kept moist, but not saturated, to a depth of one to two inches while germination occurs. At this stage it is crucial that seedlings are not stressed to the point of wilt. Continue to water one to four times a day. Straw applied at time of seeding will help shade the ground and prevent rapid drying of the soil.

Salvaging your frozen foods

You have bought enough frozen food for the next two months. That night, out goes the electricity.

- The most important thing to do: Keep the freezer door closed as long as possible. Avoid that urge to see how things are doing. Usually, they'll be fine since most outages don't last more than a few hours at the most.

- If you have a separate freezer, foods will remain frozen up to 72 hours if it is fully loaded and the door is shut.

In a combination refrigerator/freezer, foods defrost more quickly, especially high-sugar foods such as fruits and ice cream. Thinner foods also thaw rapidly. A top-mount freezer will keep things frozen for up to about 24 hours. The side-by-side freezer will keep things frozen for up to about 12 hours.

- Bulky items such as beef roasts stay frozen much longer than lunch meat packets or pizza. If the outage

lasts longer than 24 hours and the freezer is partially full, place the food items close together.

Refreezing foods: If ice crystals are visible on meats, then they can be refrozen safely. However, fish and shellfish should be cooked and

used immediately, even if some ice crystals are visible. These should not be refrozen.

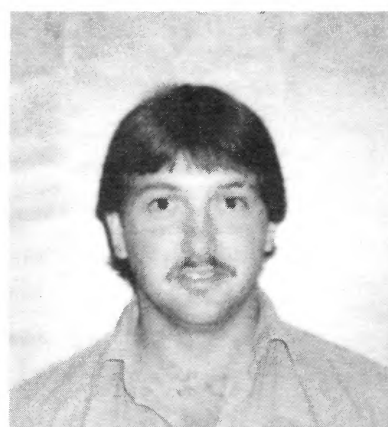
If the food is completely thawed but still cold, it should not be refrozen. However, it can be cooked first then safely frozen.

... And if in doubt, throw it out.

Meet your employees

Douglas Bear

Doug, originally from Peoria, joined McDonough Power as an apprentice lineman in May. Doug recently completed his apprentice lineman internship in utility line and was graduated in May from Northeast Community College in Columbus, Nebraska. He obtained a degree of applied science in utility line. Doug is engaged to Amy Gaspardo and will be married September 19. Doug enjoys fishing, softball and golfing.



Bear

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

Detailed forms

Moose trumpet, bears roar, deer scrape, fish leap and birds take flight, but there is no noise—no mating calls, no angry challenges, no drumbeat of rapidly retreating wings, and no splashes. The animals, in all their poses, are foam.

After time in the hands of a skilled taxidermist, they'll look as lifelike as you can imagine, and the proud hunter or fisherman will have "everything but the sound."

Research Mannikins, a rural Murphysboro firm, makes it all

possible, with lifelike taxidermist forms. While many people mistakenly believe Research Mannikins is the birthplace of the dummies that are placed in cars and driven to destruction, such is not the case, notes Randy Hurst, who manages the six-person shop.

The company is served by Egyptian Electric Cooperative Association.

Not too many years ago, Hurst says, "taxidermist mannikins were just roughly shaped like the animals they were supposed to represent and if the taxidermist wanted to make them look really lifelike, he had to do a lot of extra work.

"We decided to build each form as much like the actual animal as possible, with individual muscles already in place, and it took a lot of research into animal anatomy to do it. For example, when an animal turns its head, certain muscles work and stick out more. When he lifts his head, some others come into play.

"We were really careful to get them just right, for each position we have the molds in. I guess you could say we chose the name 'Research Mannikins' because we did our research before we started making mannikins."

The firm, which is headquartered in Lebanon, Ore., was doing a booming business, when a quick look at the shipping map showed that many of the orders were coming from the Midwest, the South and the East Coast. It didn't take a great deal of research to figure out that a centralized location could cut down on shipping costs and the time in transit.

"We'd pretty much settled on a four-state area," Hurst says, "and my wife, Stephenie, and I

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Did You Make This Mistake In Writing Your Will?

Canton, OH (Special) - You can spend money for a Will only to have an unnecessary part of your assets needlessly taken by lawyers, courts and executors through the probate process.

Why should you avoid probate? Simple. It costs too much and takes too long. Probate also creates an "invasion of your family's financial privacy!"

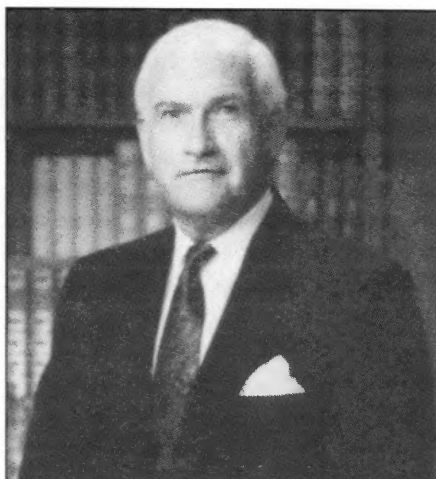
Probate can slice up to 10% from an estate and take months or years for settlement.

In fact, the only thing worse than a Will for the average wage earner is the nightmare created by no Will at all. Because then the State decides who gets everything you own.

Now there's a far better way to protect your estate than having only a Will. A new study reveals that a Living Trust is a low-cost alternative to probating a will, even for an average sized estate.

Today you can eliminate costly, time-consuming probate and legal fees by using a simple legal paper called a revocable Living Trust. It avoids probate attorney, managerial, and court fees because there is no Will to probate. Your family suffers no expense or settlement delays. And since a Living Trust is revocable, you can change your mind at any time about trustees and who gets your assets. Unlike a Will the estate goes at once to whomever you name -- in complete secrecy.

The many advantages of a Living Trust for the average-sized estate have been praised by estate planners and reported in financial publications like The Wall Street Journal, Business Week, Money, to name a few. You simply transfer all your assets into a Living Trust and



Is your Privacy worth a moment of your time? Attorney Marshall Sanson says, "a Will could 'broadcast' the intimate details of your family's finances."

name yourself or anyone you want as trustees.

Lawyers can charge an average of \$60 for writing a Will -- and then can get up to 10% for probate. It's smart to set up a Living Trust.

Working with a team of legal scholars, DSA Financial Publishing Corp. of Canton, Ohio has prepared a Living Trust Kit designed so you can easily set up your own Living Trust. You'll get complete instructions written in easy-to-understand, step-by-step simple language. You'll also get complete guidelines on how to custom tailor your personal Living Trust so that any special wishes you may have for your estate are carried out.

Though DSA's exclusive Living Trust Kit will save you a small fortune -- and save your loved ones thousands of dollars later on -- we have kept the price especially low to enable everyone to benefit from it. Less than the cost of a good dinner out. We are so certain that you will find it invaluable that we insist you examine it on a 90-Day No-Risk Guarantee.

It's easy to get your Living Trust Kit. All you have to do is send a check or money order in the amount of \$19.95 plus \$2 postage and handling or charge to your VISA/Mastercard by including account number and expiration date to: DSA Financial Publishing Corp., 708 - 12th St. N.W., Dept. W677, Canton, Ohio 44703. For even faster service, VISA/Mastercard only, call toll free 1-800-321-0888, Ext. W677.

Send for your Living Trust Kit within the next 15 days and you'll also get a FREE membership in Pre-Paid Legal Corporation's JUSTICE-900 program. Your membership gives you instant telephone access to over 6,000 attorneys nationwide!

As a JUSTICE-900 member you will be able to consult with a lawyer on any subject, at any time, any number of times. During each consultation you will have 30 minutes of the attorney's time for only \$9 charged to your telephone bill! As you know, most reputable attorneys charge \$75.00 to \$125.00 per hour for telephone consultations. You can see the big savings even if you only need a lawyer's advice occasionally.

You'll also get any legal service you need in the attorney's office for 25% less than the attorney ordinarily charges for those services. JUSTICE-900 membership could easily be worth thousands of dollars to you.

Your free JUSTICE-900 membership is yours to keep even if you decide to return your Living Trust Kit. Remember though... You must act at once to be sure of getting this valuable Free Bonus!

Do it now... while there is still time to protect your loved ones.

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watts new

McDonough Power Cooperative Macomb, Illinois 61455

Meeting of members

Following are excerpts from the bylaws concerning meeting of members.

Article II: Meeting of Members: Section 1. Annual meeting. The annual meeting of members shall be held once each calendar year at such time and at such place within a county served by the cooperative, as selected by the board and which shall be designated in the notice of the meeting, for the purpose of electing board members, passing upon reports for the previous year and transacting such other business as may come before the meeting. Section 3. Notice of member's meetings. Written or printed notice stating the place, day and hour of the meeting and, in case of a special meeting or an annual meeting at

which business requiring special notice is to be transacted, the purpose or purposes for which the meeting is called shall be delivered not less than seven days nor more than thirty days before the meeting, either personally or by mail by or at the direction of the secretary, upon a default in duty by the secretary by the persons calling the meeting, to each member. If mailed, such notices all be deemed to be delivered when deposited in the United States mail, addressed to the member at his/her address as it appears on the records of the cooperative, with postage thereon prepaid. In the case of a joint membership, notice given to either husband or wife shall be deemed notice to both. Section 4. Quorum.

At least one percent of the members present in person or represented by proxy shall constitute a quorum for the transaction of business at all meetings of the members. In case of a joint membership, it shall be regarded as the presence of one member. If less than a quorum is present at any meeting, a majority of those present in person or represented by proxy may adjourn the meeting from time to time without further notice.

Remember, you must be present and registered to be eligible for the electric energy credit drawing

Nominating committee report

Pursuant to the bylaws the members of the nominating committee met at the Holiday Inn, Macomb, June 28, 1990, at 7 p.m. to nominate candidates for election as directors at the McDonough Power Cooperative's next annual meeting of members to be held at 7:30 p.m., Thursday, August 30, 1990.

The following members were present:

Herschel Bryan	Jake Runner
George Sperry	Kenneth D. Morrow
John Ewen	Walter Hawkins
Lewis O. Fowler	Jan Runner
Dave Clark	Lawrence Ischer

The committee selected the following nominees to be candidate for directors to service for a three year term and be elected at the annual meeting

District 4	Stan Prox
District 6	O. Kenneth Moore
District 9	Thomas M. Curtis

Any 15 or more members acting together may make other nominations by petition. Additional nominations for directors may be made from the floor at the meeting.

Jan Runner, Chairman
June 28, 1990

Prairieland Barbershop Chorus to perform an annual meeting

The Macomb Prairieland Chorus, a men's barbershop chorus, will perform before the annual meeting beginning at 7 p.m. The group is comprised of men who enjoy singing four-part acapella music.

The 25-man chorus performs a variety of musical styles. Their main focus, however, is preserving the musical lyrics and style of vocal harmony that was popular in the early part of this century.

The stepping tones, a quartet comprised of four members of the chorus, will conclude the evening with various selections.

Don't miss this exciting evening!

McDonough Power Cooperative's Annual Meeting

Thursday, August 30, 1990

Fellheimer Auditorium, Macomb High School: 7:30 p.m.

Registration begins at 6:30 p.m.

Prairieland Barbershop Chorus to perform at 7 p.m.

General business session begins at 7:30 p.m.

Election of directors—Report of officers and manager

\$5 will be credited to September bill for registering

Drawing for \$10 credit on September bill

\$25 name-a-minute drawing

Drawing for a color television



The 1990 McDonough Power Cooperative annual meeting will be held Thursday, August 30, at 7:30 p.m. at the Fellheimer Auditorium, Macomb High School, South Johnson Road, Macomb.

Your official notice will list the names of the members nominated for your cooperative board of directors. These nominees were selected by the nominating committee, which met June 28. Additional nominations may be made by petition or from the floor at your annual meeting.

A name a minute will be drawn during the official meeting. For those who are present and name is drawn, a \$25 credit toward your September energy bill will be given.

There will be three drawings, 10 names each time, or total of 30 names drawn from those registered to receive \$10 credit on their September energy bill. Each member who registers will receive \$5 on their September energy bill.

A drawing will also be held for a 20-inch RCA remote color television purchased from Hunt TV and Appliance.

Special guests

**Thomas H. Moore, general manager
Association of Illinois Electric Cooperatives
and
Prairieland Barbershop Chorus**

Must be present to win for both \$25 and TV

DIRECTORS

Thomas Curtis, President • Bill Pollock, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer • Wade Blansett
Howard Butler • Lyndall Pigg • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

(Continued from page 4)

enough members to fill an electric car, yet small enough to hear the explanations of the guides.

To most, the mine was a surprise. The temperature was mild and the darkness wasn't all that bad, since all had their lights on, and the walls are sprayed with powdered limestone, to keep down the danger of fire. Equipment, which moved in surprising abundance, was well lighted, too.

The groups stopped briefly in a deserted stretch of tunnel and shut off all their lights, to get an idea of what real darkness is.

Much of the equipment in the mine was powered by 300-volt overhead power cables, much like old-time streetcars. In most cases, the roof was high enough to permit comfortable standing. To the surprise of some, much of the work was done by sophisticated machinery. In one instance, a mining machine, which almost liter-

ally chews coal out of its seam, was operated by remote control, to get into an area where roof supports had yet to be installed.

Back on the surface, the directors had an opportunity to go into a strip mine and watch an enormous electrically powered shovel that moves 148 cubic yards of overburden at one bite. It's fed by a five-inch diameter power cable that carries 7,200 volts.

Hundred-ton coal and dirt trucks came and went frequently, and a massive drill sat punching holes into the stone for explosives, which are used to break up the overburden before it's taken off by the shovel. Placed on about 30-foot centers, the holes are filled with explosives—550 pounds each—to break up the stone.

At the coal processing plant, the directors learned that coal from three mines is processed there, to the tune of about 5.5 million tons a year.



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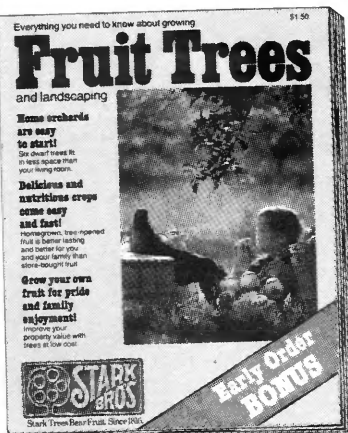
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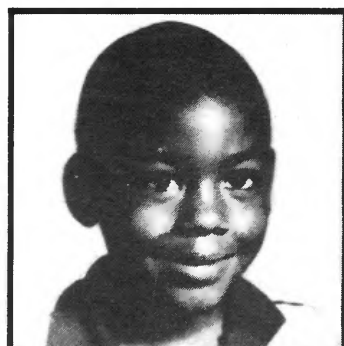
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MISSING



BLANCA ELISA ROBERSON

LAST SEEN: 08/06/89 EYES: Brown
FROM: Aransas Pass, TX HEIGHT: 5'
DOB: 01/12/76 WEIGHT: 120
WHITE/HISPANIC FEMALE HAIR: Black



JAMAL ABDUL'FARUQ

LAST SEEN: 04/16/90 EYES: Brown
FROM: Richmond, Va HEIGHT: 4'5"
DOB: 08/12/82 WEIGHT: 47
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-

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 stranger who calls them
by name.

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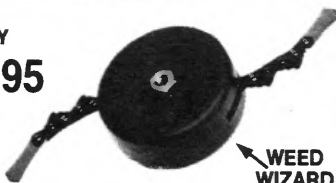
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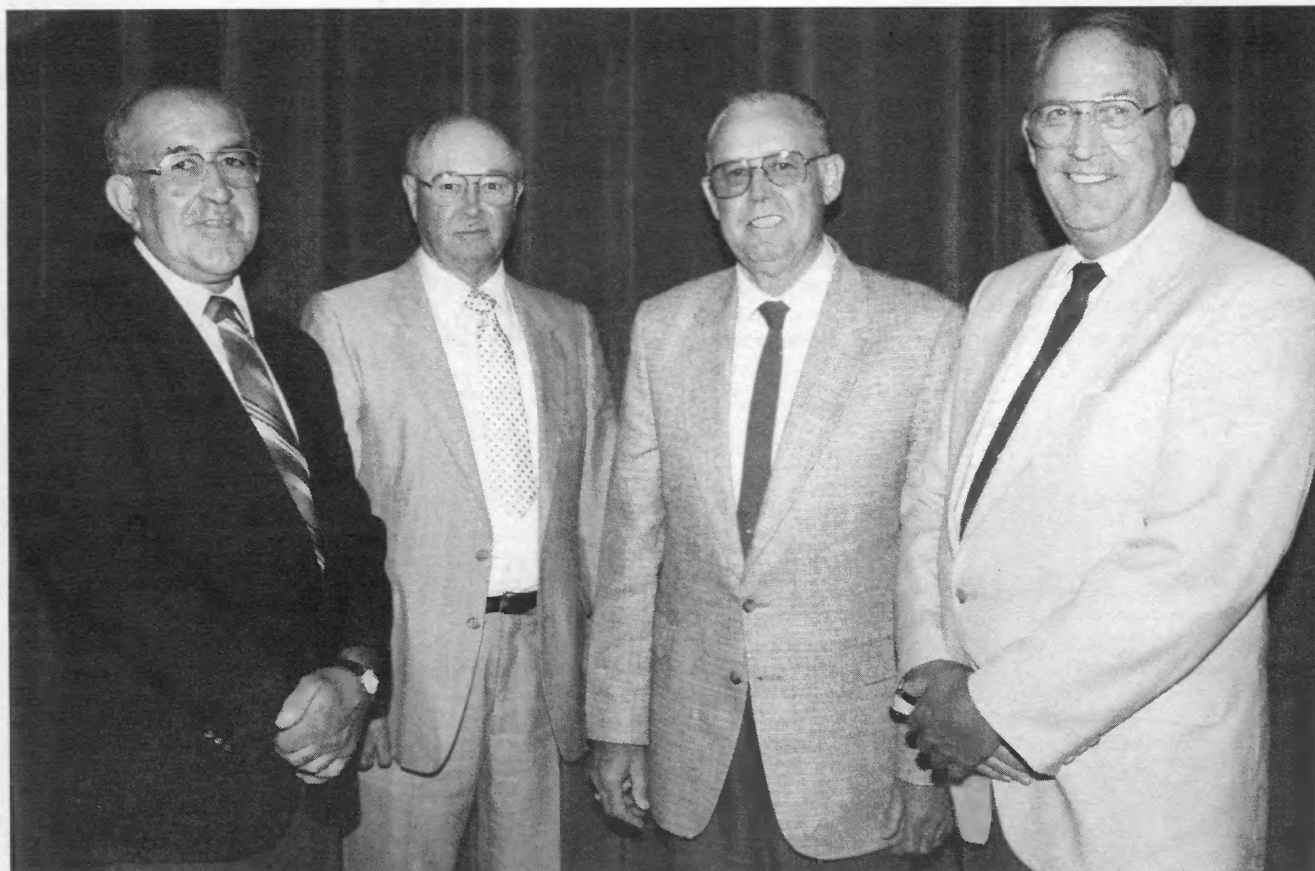
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watts new

McDonough Power Cooperative Macomb, Illinois 61455



Three members of McDonough Power Cooperative have been reelected to the cooperative's board of directors. From left are Stan Prox of Macomb, O. Kenneth Moore of Good Hope, and Thomas Curtis of Monmouth. At the right is William C. Lemons, manager. The election took place during the cooperative's 53rd annual meeting Thursday, August 30, in Macomb.

Annual meeting news:

More rate stability expected

McDonough Power Cooperative officials foresee continued electric rate stability for the 4,700 consumer-members across the seven-county service area.

Reporting to members attending the cooperative's 53rd annual meeting August 30 at Macomb High School, Tom Curtis of Monmouth, president, and William C. Lemons,

manager, said in a combined printed report that McDonough's rates have been stable for three years and should remain stable for the next two years, based on the cost of the power delivered from Soyland Power Cooperative.

They cautioned members, however, that proposed clean air legislation in Congress could have a

negative effect on power generators in nine midwestern states, including Illinois. "These cleanup costs could change the projection of stable rates, not only for the consumers of electric cooperatives but for each and every person who pays a power bill in Illinois," they said.

Curtis discussed the cooperative's refunding in June of capital credits

to members who received service from the cooperative in the years 1970 and 1971. McDonough issued 4,563 checks totaling \$157,746.11.

"McDonough's board of directors made its first retirement of capital credits in June 1989. Your board of directors plans to evaluate the cooperative's financial position yearly and rotate capital credits annually as long as our financial position remains stable," he said.

Lemons reported that the Macomb substation was replaced this year. It is the cooperative's original substation and was obsolete in size and clearances. The replacement was energized in July. He said the cooperative is now replacing the Cameron substation. He said growth on the system had been flat, but that crews were able to work more on

right-of-way clearing and other maintenance.

Three members were reelected to the board of directors during the meeting. They are Curtis, O. Kenneth Moore of Good Hope and Stan Prox of Macomb.

Treasurer Harold Anderson of Roseville reported that McDonough Power had another good year in 1989, both financially and operationally. "We earned \$464,329 in margins, of which \$173,822 were operating margins and \$290,507 non-operating margins," he said. Total revenue for 1989 was \$6,078,836, of which \$4,615,638 was used for purchased power.

Thomas H. Moore, executive vice president and general manager of the Association of Illinois Electric Cooperatives, Springfield, was guest

speaker. Moore commended the cooperative for its outstanding safety record, telling members that the cooperative had earned the state's highest electric cooperative safety honor for having the best three-year safety record. "Not only did your cooperative earn the award this year, but this is the third consecutive year it has won the award. You can be proud of McDonough Power's commitment to safety," he said. He also said the cooperative had earned a state safety award for having no lost-time accidents in 1989 and that McDonough Power had received its fourth national safety accreditation.

Entertainment for the meeting was provided by the Macomb Prairieland Barbershop Chorus and the Stepping Tones Barbershop Quartet.

Name-a-minute drawing

Following are the members' names drawn at the annual meeting for the \$25 credit to their September electric bill. The members must have been in attendance to receive this credit. Those in attendance are marked with an asterisk.

Robert A. Avripas
Bradley L. Bainter
John Bambrick
John L. Barker
Ronald J. Bauerly
L.D. Bean
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All Co-op Electric Outages 837-1400

YOGI BALLS

- 2 eggs
- 1 cup sugar
- 1 tablespoon butter
- 1 8 oz. pkg. dates, chopped fine

Cook beaten eggs, sugar, butter and dates over low heat in heavy skillet until thick. Remove from heat, add Rice Krispies, nuts and vanilla. Cool and shape into balls and roll in coconut.

ORANGE RICE BALLS

- 1 (12 oz.) can frozen orange juice, thawed
- 3 cups Rice Krispies, crushed
- 1 cup powdered sugar
- 1 cup chopped pecans
- 2 cups coconut

Mix and make into balls. Roll balls in powdered sugar. Note: Frozen lemonade can be used instead of orange juice and add 1/2 to 1 cup more sugar.

GRAHAM CRACKER COOKIES

- 24 graham crackers
- 1 cup oleo
- 1 cup brown sugar, packed
- 1 cup pecans, chopped

Bring oleo and brown sugar to boil. Arrange graham crackers on oiled cookie sheet, covering entire sheet. Pour syrup and nuts over crackers and bake for 10 minutes (don't over bake). Cool and cut into 48 bars.

CHEESE MEAT LOAF

- 1 small onion
- 1 lb. ground beef
- 1/2 cup milk
- 1 egg
- 1 teaspoon salt
- 3/4 cup uncooked quick oats
- 1/2 cup cut-up Cheddar cheese

Mix all ingredients well. Shape in a loaf in a baking pan. Bake at 350° about one hour until browned. Makes 6 servings.

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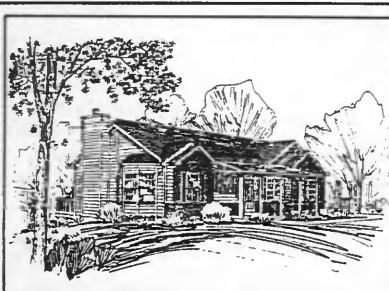


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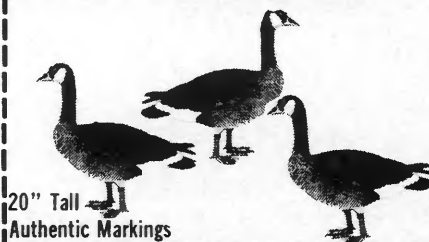


Here's an ingenious device that can help you avoid dangerous and costly collisions with animals on the roadway. Imagine, for a tiny sum and a few seconds of installation — could save you or your family much heartache and costly body work. Simple installation. No wires or switches . . . works completely automatically. Peel off self-stick backing and attach to either side of front bumper or both fenders. How does it work? When you travel over 30 MPH, it emits a high frequency sound that can't be heard by humans, but it scares off wild animals and pets — up to 1 1/4 miles away! Tried and tested. Packaged in sets of 2.

No. 1150 — Animal Warning (set of 2) \$4.88
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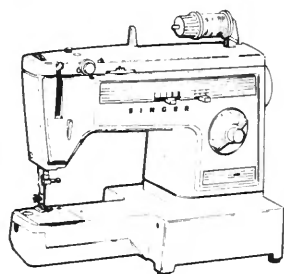
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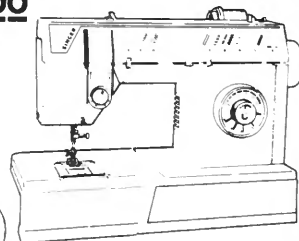
Right now we have a full size **Basic SINGER
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warranty (at your area Singer Service Center).

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A **SINGER** sewing machine with built-in new Serger Stitch, Automatic
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is also available with a 20 year warranty!(at your area Singer Service Center).

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watts new

McDonough Power Cooperative Macomb, Illinois 61455

Capital credits offered to estates

McDonough Power Cooperative now offers an option to the estates of deceased members to return all capital credits on a discounted basis. In the past, the cooperative could only refund capital credits to estates, with the annual retirements to all members. With the new policy, estates now have the "option" of receiving all capital credits

on a discounted basis which allows the closing of the estate without the added confusion of annual capital credit payments.

We are working toward a 20 year rotation cycle. Please note that if you choose the option to receive the estate's future capital credits now, it will be on a 7 percent, 20-year discounted basis, meaning those held

for less than 20 years will be discounted for the number of years until payable.

If you are the representative of an estate and wish further information regarding capital credits for the estate, please contact the cooperative.

Is it unusually high usage?

Because electricity is so convenient and used for so many chores, it's easy to forget just how many kilowatt-hours (kwh) are adding up on the electric meter.

Many people will first think something is wrong with the meter when it registers a higher number of kwh than what's expected. Years and years of experience at electric utilities shows that meters don't run fast. If they get old and dirty, they might run a little slow.

Occasionally, however, someone might have a wiring problem on their side of the meter, or a problem with an electrical appliance. Either problem could cause extra kwh

usage, or cause electricity to go into the ground—making your electric bill higher than usual. What should you do if you think you have used too many kwh some month?

First of all, take a serious look at everything you have that uses electricity. At the same time, make an honest evaluation of your family's lifestyle, and be sure to consider the size and energy efficiency of your home. Every month's usage won't be exactly the same.

If the number of kwh used still seems too high—or makes a big, unexpected jump—you will probably want to check for a possible wiring or appliance problem. Don't

hesitate to contact McDonough Power if you have a question or think you might have a problem. Investigate promptly—don't let it go on for more than a month or two.

McDonough Power will field test your meter at your request. There is a \$25 test fee which will be refunded if the meter is found to be over 4 percent fast. Your bill will also be adjusted and credit given for the past six months if it registers over 4 percent fast.

Be sure to contact our office if you have a question about your electricity usage.

Office closings

The cooperative office will be closed Monday, November 12 to honor those Americans who have served their country in the defense of our freedom, and Thursday and Friday, November 22 and 23, in observance of Thanksgiving. We at McDonough Power wish you and yours pleasant holidays.



COOPERATIVES
BUILDING
YOUR COMMUNITY

October is Co-op Month

Safety on the farm

No other place exists where a person should be more safety conscious than on a farm. As soon as you step on a farm, safety must be on your mind especially in situations that involve electrical wires and equipment.

Take a moment to go through this checklist to see if your farm is safe. Answering "No" to any of these questions means you should take action now to avoid an electrical accident.

1. The Service Pole and Service Entrance

- Do farm family members and farm hands know where and how to disconnect power in the case of an electrical emergency?
- Is the grounding wire intact at the service entrance? Are the grounding wires on utility poles intact?
- Are disconnects, especially main breakers, regularly turned off and turned back on to ensure free action and good contact?
- Are wires at the top of the pole properly insulated with no bare wire exposed?
- In case of fire, can the electricity be shut off to that particular building on fire without shutting off electricity to the water pump?
- Are all disconnects and breakers labeled to show what they control?

2. Animal Housing (Barns, Farrowing House, etc.)

- Do animals enter a building or drink at the stock tanks without hesitation?
- Is the water piping and service entrances of buildings properly grounded?
- Are you using an industry-made electric fencer?
- Are heat lamps hanging by the cord only? In case of drop, are there guards on the fixture?
- Are the buildings adequately lighted?
- Are the lights enclosed in globes and guards?
- Is the wiring suitable for wet conditions (humidity from animals' respiration)?
- Does all wiring appear to be in good condition and free of rodent damage?
- Are switches located so that animals cannot reach them?
- Is hay that is stacked outdoors away from overhead electrical lines?

3. Machine Shed

- Is it adequately lighted?
- Is the grounding bayonet on drop cords, power tools, etc., intact?
- Is the service entrance properly grounded?

- Are all receptacles in use properly grounded?
- Are drop cords in good condition with no sign of insulation damage?
- Are drop cords of adequate size for the appliance or machine it is serving?
- Are drop cords put away after use so machinery can't run over them?
- Are power tools such as circular saws, table saws, drills, jig saws, etc., left unplugged when not in use so that a child couldn't accidentally turn them on?

4. Grain Handling Equipment

- Are overhead lines out of the way of augers and winged-type farm equipment?
- Is electrical equipment tested prior to harvest season?
- Are drying fans and other motors protected from the elements when not in use? Are they totally enclosed motors?
- Do all motors have correctly sized overcurrent protection?
- If magnet starters are used, are heater coils of the proper size?

5. General

- Is the farm adequately lighted?
- Do children know whom to call in case of an electrical emergency?
- Do family members know first aid for electrical shock and/or burns?
- Are GFI's installed where required?
- Are safety precautions listed in owner manuals of electrical appliances read by user?
- Do appliances function satisfactorily without giving a tingle to user when turned on?
- If lightning protection is installed, are all wires leading to ground?
- Are all electrical fittings on the gas pump of explosion-proof type?
- Before trees are planted, has proper siting been provided to avoid nearby overhead and underground power lines?
- Are trees free and clear of overhead electrical lines?
- Before new buildings are constructed, have the buildings been cleared of nearby overhead and underground power lines?
- Can tractors equipped with end loaders be raised to the most upper position and clear all overhead electrical lines?

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All Co-op Electric Outages 837-1400

Act takes effect upon becoming law.

Michael J. Madigan
Speaker, House of Representatives
Philip J. Rock
President of the Senate

APPROVED

this 12th day of September, 1990 A.D.

James R. Thompson
GOVERNOR

New legislation will preserve co-ops' invested capital

Legislation signed in September by Gov. James R. Thompson will benefit members of Illinois electric and telephone cooperatives. The legislation, sponsored in the General Assembly by Rep. Larry Woolard (D-117, Carterville) and Rep. Todd Sieben (R-73, Geneseo), preserves invested capital for the cooperatives' members and reduces accounting paperwork related to cooperative capital credits. A large number of other members of the legislature representing cooperative service areas were co-sponsors.

As not-for-profit corporations, electric and telephone cooperatives—owned and controlled by members they serve—do not earn profits as such. They hold operating margins in reserve to minimize the need to borrow money in the event of major damage to their systems. Any excess of income over expense is credited to the individual account of members and is returned to them as soon as it is possible to do so. Most co-ops in Illinois return capital credits to their members as soon as the cooperative's financial position permits.

H.B. 2936 solves a problem for

electric and telephone cooperatives that is created when some of the members from earlier years leave the cooperative service territory. Cooperatives attempt to maintain addresses of former members in the belief that the members are entitled to the money when capital credits are retired. Occasionally members cannot be located. Unclaimed capital credits previously were turned over to the Illinois Department of Financial Institutions under provisions of the Illinois Uniform Disposition Of Unclaimed Property Act.

Under the previous law, the state acted as a "custodian" of abandoned property until the owners were located. Cooperative leaders and the sponsoring legislators believed cooperatives, if permitted to perform this custodial function, could do the job more effectively. Former members are more likely to contact the cooperative rather than the State when inquiring about capital credits, bill supporters said.

Capital credits are a unique form of property, unlike any other property subject to the Act. These funds represent a donation of capital by members of the cooperative, intended to be used for the benefit of the entire membership in assuring adequate and reliable electric or telephone service in rural areas in future years.

Although co-ops succeed in delivering capital credits refunds to more than 95 percent of their members, some former members cannot be located. No other property would be exempted by the bill. Other forms of unclaimed property, such as deposits and overpayments by the members, would be subject to the Unclaimed Property Act, just as they are for other energy and telecommunications providers.

Illinois joins a growing number of states approving legislation to exempt the capital credits of electric and telephone cooperatives from state unclaimed property acts.

There is little financial impact on the State of Illinois from approved of the bill. In the past five years, about \$30,000 per year has been delivered to the State of Illinois from all electric and telephone cooperatives.

MISSING



WALTER THOMAS ACKERSON

LAST SEEN: 03/24/90 EYES: Blue
FROM: Yochots, OR HEIGHT: 5'7"
DOB: 07/06/73 WEIGHT: 128
WHITE MALE HAIR: Blonde



TONI DANIELLE CLARK

LAST SEEN: 03/16/90 EYES: Brown
FROM: San Bruno, CA HEIGHT: 5'3"
DOB: 06/04/72 WEIGHT: 110
BLACK FEMALE 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-

Be sure your child knows what to do in case 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 1988 • All Rights Reserved • LITHO USA

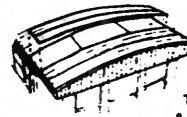
If you want to personally help end this national tragedy, or need additional information, please call:

1-800-222-1464

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Then you need to look through the Illinois Marketplace advertising section beginning on page 22.

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**RESULTS VISIBLE
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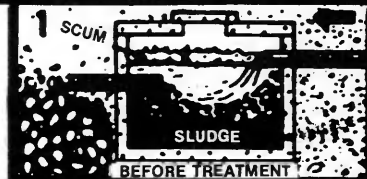
WHY SEPTIC TANKS BACK UP Septic tanks Clog, Backup and Smell because of household cleaners, which are great for dishes, laundry and floors, but kill good bacteria in your tank and cesspool that normally digest solid wastes, fats, greases and starches. Without this bacterial action solid waste builds 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! **HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM!** It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquifies all organic solid wastes. Cleans tank, pipes, and drainfields. Drainfields become porous allowing earth to absorb. The entire system opens and works from beginning to end.

SEPTIPRO® SAVES YOU MONEY! No more costly mechanical cleaning, digging or pumping.

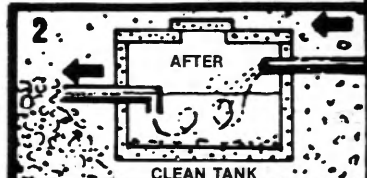
SAFE AND EASY TO USE! Just pour SEPTIPRO® into your commode, let it work! Results usually visible overnight! Non-toxic, Poisonous or Corrosive. Harmless to Humans, Animals or Plumbing. Will make your system odor-free. **SEPTIPRO® IS GUARANTEED TO KEEP YOUR SEPTIC SYSTEM TROUBLE FREE OR WE WILL REFUND EVERY PENNY YOU PAID FOR YOUR SEPTIPRO®.** 1 lb. for initial treatment of 1000 gal. tank or for maintenance 1/4 pound once a month.

I understand that SEPTIPRO® is fully guaranteed and if it does not do as claimed, I can return the unused portion within 30 days and get all my money back.

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watts new

McDonough Power Cooperative Macomb, Illinois 61455

Weatherization hints

At McDonough Power Cooperative, we want to see you save your energy dollars. We all know it is expensive to heat and cool your home. By making a few improvements around the house, you can reduce these costs. Efficient energy utilization and conservation are the keys to saving money.

Over half the heat that escapes from the house in the winter is through cracks and loose-fitting windows and doors. Weatherstripping materials will reduce air infiltration around these areas. There are various types of materials which you can use for weatherstripping. These materials have a wide variety of life, durability, and cost. Most of these materials are easy to install. The best way to decide what is most suitable for your home is to visit a hardware or a building supply store. You can also contact your cooperative office.

Caulking loose-fitting windows and doors is another way you can prevent air loss. Caulking com-



pounds are materials used to fill, cover and seal cracks and construction joints. Again, there are several types of caulking compounds from which to choose. With caulking, you need to also consider the adhesiveness and the type of application that will work best.

Replace old caulking that is cracking or flaking. Clean out old joints first to get good adhesion. Caulking

can be accomplished with a few low-cost tools and a little practice to get a good seal. Be sure to follow the manufacturer's instructions.

As a general rule, apply caulking wherever two different materials or parts of the house meet. Some of these are:

- Exterior joints where windows and door frames meet siding
- Corners formed by siding
- Where exterior masonry fireplace chimney meets siding
- Where porch meets siding
- Joints between foundation and wall siding
- Where the sill plate meets the foundation
- All other exterior openings.

Again, efficient energy use and conservation are the keys to saving energy dollars. By using these weatherstripping and caulking procedures, you will stop the air and moisture infiltration into your home. These procedures will greatly decrease your home's heating and cooling requirements.

Make it a safe hunting season

For many people, fall means hunting season. The time of year when outdoorsmen's thoughts turn to the challenges of the hunt and the crisp fall morning air.

Unfortunately, in their enthusiasm to enjoy the outdoors, hunters sometimes cause interruptions in electric services and create life-threatening situations by interfering with power lines.

Over-zealous hunters are responsible for broken insulators on power lines and other hazardous conditions each year.

Taking target practice on insulators or birds sitting on power lines is not very sporting, and it may be fatal if a line is damaged or broken. Damaged lines can snap and fall to the ground while still energized, creating a hazard to the hunter and anyone or anything walking through the area.

Also, a random pot shot can crack a line insulator, leaving damage that may not be noticeable from the ground. Over time, the crack can fill with moisture and cause a short, leaving members without service

until the insulator is replaced.

In some cases, if the insulator is severely damaged, the line may become detached from the pole and drop to within a few feet of the ground.

Shooting insulators and other electrical equipment is illegal and expensive and adds to your cooperative's operating expenses. Still, the cost is minimal compared to the potential for personal injury or death.

Why we celebrate Thanksgiving

In 1621, a group of colonists from Plymouth gathered together for three days of feasting and prayer. It was a joyous occasion; the colonists banqueted from their first bountiful harvest, giving thanks to God for the plentiful harvest and for surviving the previous long, cold Massachusetts winter, which had killed off fully half their number. They were giving thanks for their survival and for being far better prepared for the coming winter than they had been before.

Today in the United States, we still celebrate this festival. In fact, for thousands of years man has celebrated the end of the harvest. Our festival is now the national

holiday called Thanksgiving Day.

Thanksgiving Day is celebrated the fourth Thursday in November. This was not always the case. The first national Thanksgiving holiday was celebrated November 26, 1789. This holiday was proclaimed by President George Washington. In 1863, President Abraham Lincoln established the holiday to be held on the last Thursday in November. At this time in our history, some of the states had their own Thanksgiving holidays. However, it might be added that during President Franklin D. Roosevelt's term the holiday was celebrated on the third Thursday in November. This was done simply to extend the

Christmas shopping season, which desperately needed a boost. However, in 1941, Congress returned the Thanksgiving holiday to the fourth Thursday in November.

Our Thanksgiving festival today still takes place after the harvest. As one sits down to big dinners and joyous family reunions, it is important to think of why you are gathering on this day and what this holiday season truly represents.

We the employees of McDonough Power Cooperative want to wish you and your family a happy Thanksgiving Day—may your blessings be many!!!

If you depend on life-support equipment, we need to know

While McDonough Power Cooperative strives to maintain the best possible service with a minimum of outage time, occasional outages, either planned or uncontrolled, do occur.

Your cooperative needs to know

the names and location of cooperative members who depend on life-support equipment. We keep a registry of members on life-support equipment, and it is important that this information be current and accurate. We will make

every effort to give priority to restore service to members on life-support systems. If you or a member of your family depend on life-support equipment, please fill out the form below and mail to us as quickly as possible.

Name _____

Phone No. _____

Address _____

McDonough Power Service No. _____

Type of support equipment _____

Days and time of use _____

Do you have an emergency stand-by generator to operate this equipment? ☐ yes ☐ no

Mail the above form to:

McDonough Power Cooperative, 1210 W. Jackson, Box 352, Macomb, IL 61455.

DIRECTORS

Thomas Curtis, President • Wade R. Blansett, Vice-President • Kenneth Moore, Secretary • Harold Anderson, Treasurer
Howard Butler • Lyndall Pigg • Bill Pollock • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

Mary Fielding looks over a historical reference book. She has completed a book of pen-and-ink drawings of Iroquois County grain elevators. Fielding entitled the book *Prairie Skyscrapers* and gave it to the local historical society to sell to raise funds. All elevators in the county are represented in the book.



Prairie Skyscrapers

Some artists deal with wide open spaces or seascapes. Others will work for hours to get a drawing of a simple bowl of fruit "just right." Mary F. Fielding of rural Milford is different. The Eastern Illini Electric Cooperative member does pen and ink drawings of grain elevators.

The wife of a long-time elevator employee, she began the elevator-sketching hobby as a favor to a friend whose family owned an elevator. The family was putting a brochure together and needed sketches of the elevator. "I found that they were surprisingly interesting," she says. Her husband, Gayle, still works as an accountant for the A.T. Sumner and Sons family, which still owns the elevator.

An avid historian, she has

made drawings of every elevator she could locate in Iroquois County—44 in all—has written a brief history of each one, and had them made into a book, which she gave to the Iroquois County Historical Society in Watseka. The society sells the books to raise funds.

She knew, also, that grain elevators were the biggest business in the county, often being the only enterprise left in a once-thriving community.

"There's one elevator," she says, "that's the only thing left of the town. All the other buildings are gone. As far as I can tell, about every town in the county had an elevator, except L'Erable, up in the northern part of the county." she had to do a little traveling to get her drawings, and that was kind of a new

experience. "I hadn't even been across the tracks to Del Ray before," she says, "and I hadn't even been to Thawville, either, and that's just 25 miles away, over on the other side of the county. But there's an elevator there, so I went."

She spends a surprisingly small amount of time "in the field," she says. "I'd go out there and find a good place, and I'd make a pencil sketch. Then I'd go back home and do my ink drawing. It used to take a while, but I got to where I could do a good sketch in half an hour.

"It's not that hard," she says with a smile, "because I know what they look like, now."

She remarks that she's been interested in art of some kind "longer than I care to remember," and that she



watts new

McDonough Power Cooperative Macomb, Illinois 61455

Would you be ready?

When you live in this area, you just naturally expect frosty winter weather. Sometimes it might be a teaser, but another time it could be a major event.

McDonough Power Cooperative has a very strong and reliable system, but even the best-built system can be damaged by a bad storm, resulting in power outages. This can happen in summer as well as in winter.

We want you to be prepared the next time Mother Nature lashes out. Here are a few tips to see you through an extended power outage.

1. Things to keep on hand

Light sources

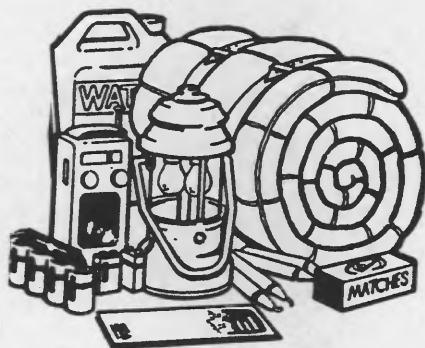
- Flashlights and extra batteries
- Candles
- Kerosene, propane or oil lamps

Food and utensils

- Canned goods that require no cooking other "shelf" foods (Peanut butter, crackers, powdered milk, dry cereals, tuna, for example)
- Manual can opener
- Paper plates and plastic silverware

Battery-powered radio for weather reports

Wind-up or battery powered clock
Extra blankets
Water containers



2. Stay warm

- A back-up heat source should be available. Make sure you know how to use it safely, paying special attention to fire hazards and dangerous fumes.
- Several lightweight layers of clothing (or blankets) should keep you warmer than one heavy piece. Thermal underwear is good.
- Pick one room in your house to gather as much heat as possible. Unless you have a fireplace or woodstove, select a room on the

sunny side of the house, preferably one with only one outside wall.

- Curtains should be left open during the day to let the sun help warm the room.

3. When your power comes on

- When your power has been off for a while, you will naturally want to get back to normal as soon as possible. But a sudden, heavy demand on the system will cause the electricity to go back off. You can help avoid this situation.
- When the power goes off, turn off as much as possible, such as lights, television, freezer, water heater, etc. Then when power is restored, gradually turn appliances back on.

We appreciate your patience and understanding when an outage does occur. And, you can be sure that every effort is made to provide you with the best possible electric service.

Office closing

McDonough Power Cooperative wishes you a blessed holiday season and the very best for the new year. In observance of Christmas and New Year's Day, the cooperative will be closed December 25, and January 1.

DIRECTORS

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Howard Butler • Lyndall Pigg • Bill Pollock • Stan Prox • Jerry Riggins • John D. McMillan, Attorney

All Co-op Electric Outages 837-1400

Do you know these people?

Below is a full list of people who have not claimed their capital credit check for the years 1970-1971. We need a current mailing address for each person or, if the person is deceased, the name and address of their nearest living relative. If you have any information pertaining to these people, please contact McDonough Power Cooperative at 309/833-2101.

ALABAMA
Talladega
Boettler, James

ARIZONA
Chandler
Bozarth, Karen
Phoenix
Clemens, George E.
Fowler, James
Nash, Glenn

ARKANSAS
Arkadelphia
Hish, Rebecca
Fayetteville
Epping, Gary
Leslie
Ashton, Harold
Melborne
Jamison, Rex
Mountain Home
Rinker, Albert

CALIFORNIA
Orange
Carlton, Carolyn Potts
San Jose
Fisk, Beverly
San Ysidro
Turner, Wendell
Sylmar
Skinner, David

COLORADO
Maker
Piano, George

FLORIDA
Bonita Springs
McClain, Ivan
Kissimmee
Seldon, Frances
Largo
Admire, Wallace
Middleburg
Dike, Paul
Seminole
Morris, W.S.

GEORIGIA
Riverdale
Weaver, Russell

IDAHO
Oreana
Mason, Roberta

INDIANA
Bloomington
Lewis, Lyle
Indianapolis
Wade, Edward
Terre Haute
Stills, Aaron
West Lafayette
Combs, Wm.

IOWA
Burlington
McCombs, Gary

Cedar Rapids
Griffith, Edwin
Davenport
Petty, Robert
Estherville
Clark, John
Ft. Madison
McFadden, Bryan
Mt. Pleasant
Anderson, Mary L.
Newhall
Foster, Robert L.
W. Burlington
Miller, Ron

KANSAS
Prairie Village
Eckert, A.W.
Shawnee
McKay, Bernard
Silver Lake
Meetz, Johnny

MICHIGAN
Warren
Grosenick, Steven

MINNESOTA
Duluth
Comella, Frank

MISSOURI
Herman
Boyett, William
St. Louis
McLaughlin, Patrick
University City
Packman, Ronald

NEBRASKA
Gibbon
Donaldson, Sharlene

NEW MEXICO
Albuquerque
Treadway, Clinton

OHIO
Heath
Jordon, Edwin
Mansfield
Lascelles, Ronald L.
Marion
Harris, Greg
Ravenna
Ross, Ray L.
Rodney
Whitaker, Stanley

OKLAHOMA
Owassa
Martin, James E.
Stillwater
Moustafa, Safwat

PENNSYLVANIA
Pittsburgh
Elser, A.E.

TEXAS
El Paso
Horne, Bruce
Ft. Worth
Horton, John
Houston
Matthews, Alyce
Mission
Price, Perry

UTAH
Murray
Cowman, Gary

VIRGINIA
Fairfax
Wingard, Norman

WISCONSIN
Greenfield
Ahnert, Walter
Lancaster
Eckhart, Edward
Lodi
Maahs, Daniel
Pell Lake
Welch, Ronald
Portage
Wilkinson, Charles

ILLINOIS
Abingdon
Abingdon Rock Co.
Clark, Gary
Johnson, Wayne
Morrison, Robert
Neville, Edgar
Poole, Bertha
Proska, Albert
Ryan, Tom
Snyder, Opal
Steagall, Doris
Walker, Homer E.
Webber, Ronald
Whetsell, Richard
Adair
Andrews, Frank
Brown, J.R., Sr.
Chockley, Roger
Dean, Ruby
Kimbrow, Ronald
Still, Harry
Thompson, Maurice
Altona
Sawyer, Rodney
Ashland
Rouse, Ernest
Augustine
Raymond Boys
Aurora
Sylvester, Gary
Avon
Allen, Harold
Crider, William
Davis, Lynn
Dawdy, Delwyn
Endsley, Harold
Franyoni, James
Hartley, C.E.
Henninger, Judson

Knott, Bill
Lee, Lillet
Otto, William
Sage, Clifford
Schuffler, Harry
Thurman, Fred
Batavia
Martinez, Edward
Belvidere
Fetzer, Craig
Berkley
Friebus, William
Berwick
Brown, Lee
Button, Ralph
Cundiff, Fred, Jr.
Griffith, Playford
Tabb Marvin Estate
Biggsville
Larson, L.W.
Barker, Gerald
Hiltner, Albert
Blandinsville
Biswell, Don
Clark, William
Cobb, Wayne
Cook, Herbert
Deike, George
Hainline, Carl J.
Hillyer, James
Husband, Olin
Mathews, Jack D.
Weaver, James
Bloomington
Voorhees, Elsie
Broadview
Legut, Dennis
Burbank
Novack, Terrence
Bushnell
Barnes, W.R.
Boyer, Harold
Butler, Barbara
Costellow, Romie
Keener, Kenneth
Maul, Ellis R.
Morrissey, Thomas
Rommes, Jay
Rosenthal, William
Slayden, Frank
Thompson, Leota M.
West Ill. Outdoor Adv. Inc.

Cameron
Allen, Marion
Firoved, Loure S.
Flagg, G.M.
Glisan, Charles
Hanson, Gene
Johnson, Richard L.
Kness, Don
Lashbrook, Terry
Lasley, Leland
Leal, John
Liby, Dave
Ludington, Ralph
McVey, Harold
Poulson, Carol
Canton
Smith, Jean

Wheeler, Louis W.
Carthage
Evans, Stephen
Ferrell, Russell
Garrett, Emily
Kussman, Mildred
Charleston
Payne, Dean R.
Chicago
Ehlert, Jeff
Lindwald, Michael
Colchester
Adair, Sherman
Andrews, Rhoda
Aten, Don
Beck, Mary A.
Bucher, Richard
Collins, Harvey
Cooper, Helen
Cornwell, Lowell W.
Coulter, John
Covington, R.M.
Creasey, Vilasco
Depoy, Gene
Dewitt, Nolan
Duvall, J.D.
Ebey, Larry
Farwell, Ward
Field, Danny
Finley, Paul
Gates, John
Gibson, Leroy
Grieve, Phil
Hainline, Paula
Hesse, Stephen
Jackson, Ernest
Jones, Allen
Kennedy, James
Martin, L.C.
Mason, Kenneth
McClure, George
Miller, Russell
Myers, Carma L.
Neal, Eldon E.
Peterson, Fred R.
Redenius, Frank
Reed, Harry
Scott, Roscoe
Shepler, H. James
Sherman, Evelyn
Teel, Clarence
Waddell, Larry L.
Young, Ira
Collinsville
Strange, Robert
Colona
Lewis, Darrel
Cuba
Kirback, David
Rand, Robert
Dallas City
Shoemaker, Roy
Decatur
Conlin, John H.
East Peoria
Hernandez, Frank
Lutz, Dale
Elmhurst
Budde, Dale

Elmwood
 Clark, W.G.
Evanston
 Green, Michael
Fairview
 Beckwith, Margaret
Fountain Green
 Hasten, James
Fowler
 Tenhouse, Alan
Galesburg
 Allen, A.A.
 Brown, Joan M.
 Burford, H.F.
 Derry, Dennis
 Harkness, Thomas
 Hensley, Raymond
 Hensley, Gene
 Hornbaker, Jay
 Leary, James
 Matthews, Roy F.
 Narajowski, Henry
 Richardson, Charles
 Richardson, Chester
 Shay, Ed
 Shineberger, Nelson
 Smith, Edward
 Stube, Melvin
 Sweborg Construction Co.
 Terpening, Erma
 Wadham, Robert
 Wheeler, David
 White, Robert F.
 Wilson, Edward P.
 Windish, F.E.
Good Hope
 Ausdall, Ronald V.
 Clark, J.R.
 Conlin, Michael
 Dewitt, Gerald
 Hanks, Walter C.
 Hughes, Gary
 Kreps, Don
 McCaw, Joe
 Schmidt, Roger
Greenville
 Christin, F.W.
Hamilton
 Vail, Russell
Hanna City
 King, Ronald F.
Havana
 Wardell, Reva
Henry
 Clevenger, Glenn
Hickory Hills
 Devine, Edward
Hinsdale
 Riggs, Michael
 Wilson, William
Hull
 Fross, Rick
Indianola
 Huff, Hubert
Industry
 Atherton, Ruth
 Austin, John
 Cox, James
 Dehlin, James
 Derry, Paul
 Elliott, Kenneth
 Gowdy, Eugene
 Henson, Wayne
 Horacek, Michael
 Jenkins, Thomas
 McGruder, Randy
Ipava
 Funk, John
 Hopping, Jim
 Rand, R.D.

Jacksonville
 Foster, Marcia
Jerseyville
 Winslow, Robert
Kankakee
 Cleeland, John
Keithsburg
 Campbell, Rob
 Christy, Lynn
Kirkwood
 Capron, Keith B.
 Geer, Kenneth
 Hoy, Caroline
Knoxville
 Easley, Raymond
 Wilcoxon, Charles
La Grange Park
 Smith, Glen
La Harpe
 Faulkner, Susan
 Powelson, Gerald
 Thode, Gregory
Libertyville
 Hoffman, Lynne
 Recchia, Louis
Lincoln
 Tetley, Sidney
Littleton
 Gaddis, Raymond
 Mercer, Glenn
 Sheets, Milton O.
 Sloan, Fred
 Twidwell, Dean
London Mills
 Dilts, Donald
Lostant
 Morey, Kenneth
Lynn Center
 Ehrhart, Burrel
 Shores, Sirrel
Macomb
 Adamson, James
 Adeniji, Adeniran
 Ahlfield, Connie
 Ahlgren, Richard
 Alden, Bernice
 Allison, Noel
 Alp Dmic Pi Sorority
 Alsip, James
 American Oil Co.
 Arnold, Frank
 Aten, Kenneth
 Bainbridge, Thomas
 Baker, Harry
 Barnes, James G.
 Baumhardt, Gary
 Bement, Richard
 Bennett, Lowell
 Berent, David
 Berry, Jerry
 Bishop, Terry
 Blair, James R.
 Blakslee, Sally
 Blick, Dennis
 Block, Paul J.
 Bloom, Tom
 Blum, Stephen
 Bond, Fred
 Bosin, Donald
 Boyd, Myron
 Bradley, David
 Brenneke, Roger
 Briggs, George
 Brown, Eugene
 Brown, Art
 Brownlee, Ruth
 Bruns, Timothy
 Brydon, Thomas
 Bunchman, Don
 Burch, W.H.

Burley, Gerald
 Burrows, Larry
 Butler, Warren
 Cade, Paul
 Callinan, Dannie
 Carlson, Ted
 Carlson, Richard
 Carmack, Gene
 Carpenter, Dwight
 Carton, Warren
 Castens, James
 Cathcart, William
 Caviness, John
 Chaplin, Lavon
 Christenson, Roy
 Christy, Stephen
 Clark, James E.
 Clay, Benjamin
 Clayton, Stewart
 Coggins, Mike
 Cohen, Dot
 Colchasure, Thomas
 Conklin, Jon
 Connolly, Timothy
 Connor, James
 Cook, James M.
 Cope, Dana
 Cottingham, Michael
 Coulter, M.E.
 Cousins, Ron
 Craig, James G.
 Craig, Charles
 Cricketwood Green
 Crone, Richard
 Crouch, John
 Cummings, William
 Dahlstrom, Gregory
 Dankert, Richard
 Dawson, Vicky
 Day, Almyra L. Carey
 Derry, Barbara
 Derry, Dorothy
 Dickson, Alan
 Dikeman, James
 Dolan, Robert
 Dolbeare, Steven
 Dollielager, David
 Dorethy, Ed
 Dorman, Harvey
 Doster, Ned
 Doughney, Joseph
 Dryer, Robert
 Dudzik, Terrence
 Duncan, Robert L.
 Ernst, Harold J.
 Eshleman, Philip
 Evans, Rodney
 Farwell, Virginia
 Fiore, Paul
 Ford, Lisa
 Fors, Stewart
 Foster, Roy
 Fuhr, Fred
 Gallaughar, Larry
 Gile, Floyd
 Gocken, Michael
 Godbey, John J.
 Goodrich, Kent
 Granger, Dan
 Greer, Mabel
 Gregg, Martha
 Grimm, Marvin
 Grisham, Martin
 Gusick, John R.
 Hafner, Ann
 Hager, Sandra
 Haines, Orie C.
 Hamilton, Floyd B.
 Hannon, Thomas
 Harries, G.E.

Hartley, James
 Hawkins, Matthew
 Hawthorne, Robert
 Hayes, Roger J.
 Hearne, Sam
 Hedberg, Dean
 Hignight, Craig
 Hilton, Agnes M.
 Himmel, Randall
 Hoffman, George
 Hood, Larry
 Hopkins, Max L.
 Hoppe, Richard
 Horton, Robert V.
 Hrdina, Dennis
 Hudnall, Gary
 Hudson, Richard
 Huisman, Marsha
 Hunt, John A.
 Hutchinson, Willard
 Hyland, Anita
 Jackel, Larry
 Jamison, Gary C.
 Jenkins, Paul
 Johnson, James E.
 Jones, Dale
 Jones, Jan
 Jones, Cal
 Kellum, Connie
 Kendall, Robert
 Kenney, Lawrence
 Ketcham, Daniel
 King, Lennis
 Kirtley, Al
 Knowles, John S.
 Knuckey, James A.
 Knuckey, Donald
 Koke, Michael
 Kull, Douglas
 Kunkler, Charles
 Kusnerik, Lawrence
 Lambert, Charles
 Lamoreux, Louis
 Larson, Robert A.
 Larson, Ward
 Larson, Jack E., Jr.
 Larson, Steve
 Lee, W.A.
 Leidolph, Guy
 Leonard, Ray
 Lesser, Frank
 Lewis, David R.
 Lewis, Daniel
 Ligon, Delbert
 Liken, Wayne
 Lindberg, Samuel
 Linger, Billy
 Litwin, Gerald
 Logan, Frank
 Long, Earl
 Longnecker, Fredrick
 Loveless, Florine
 Lowery, Norene
 Lutsch, James
 MacDonald, James
 Malott, Oliver
 Maple, James
 Mari, Lawrence
 Martens, Thomas
 Mason, Randall
 Mason, Jerry
 Matthews, James H.
 McBride, Dane
 McCammon, Kenneth
 McClain, Arlan
 McCollum, Douglas
 McCumber, James
 McDole, Stewart
 McElvaine, Charles
 McGann, Dennis

McKay, W.H.
 McNeely, Russell
 McNeil, Dick
 Means, Ronald
 Meredian, Gene J.
 Merrens, Matthew
 Metz, Donald
 Meyer, Loretta
 Meyer, William
 Meyers, Joseph
 Miller, Mark
 Mills, Stephen
 Molstre, John
 Moon, Bill
 Moore, Marjorie
 Moseley, Christine
 Mosley, Ramon
 Mulkey, Marcia
 Murphy, Stephen
 Murray, James P.
 Myers, Robert F.
 Nale, Robert
 Nelson, Spencer
 Newell, Bill
 Nielson, Richard
 Noel, Junior
 Norton, Roger
 Nylander, Richard
 Ongena, James
 Osborn, Randolph
 Palmer, Robert
 Pankey, Dan
 Parker, Rayburn
 Passini, Danny
 Patterson, Robert
 Peabody, Don
 Peak, Ronald
 Pease, Lawrence
 Peeler, Paul
 Perry, Sandra
 Peterson, Jim
 Peterson, Bradley
 Peterson, Greg
 Petit, Ronald
 Pinaire, Robert
 Plue, Jeff
 Pluemer, Edward
 Porter, Dan & Connie
 Potter, Bernard
 Potter, Emma J.
 Priddy, Nicholas
 Purdue, Larry
 Rand, Stephen
 Raymond, Roy
 Reckefus, Scott I.
 Reed, Ralph
 Reedy, Kenneth
 Rhea, Eva
 Riddell, Dennis
 Risley, William
 Roberts, Jean A.
 Robinson, Denauvo
 Roe, Robert
 Rogers, Michael
 Roskamp & Kline
 Ruby, Jacob
 Ruebush, Roy
 Rus, William
 Rushton, Raymond
 Ryner, Robert J.
 Sanko, John
 Sayre, John
 Schacke, Robert
 Schoaf, Charles
 Schoenbein, Alfred
 Schulte, John
 Scott, William
 Seymore, Robert
 Shaw, Dennis
 Shearer, Robert

Sheets, George W.
Shoemaker, Robert
Shue, David
Shughart, Gerald
Siebert, Harry
Smeed, Hugh
Sohn, P.D.
St. Clair, Stephen
Stanavech, Robert J.
Statler, Donald
Stevens, Louise
Steward, Noria
Stone, Donald
Stoneking, Ed
Stoner, Thomas
Streitmatter, Duane
Stukenberg, Donna
Summerfield, Ben
Swan, Frederick
Swanson, Gwen Withall
Swenson, William
Swinke, Robert
Tedesco, Paul
Tentinger, Mark
Teuscher, Monty
Thompson, Barry
Tibbetts, John
Traver, Earl
Trega, William
Trueba, Henry
Ulry, Orval
Unger, Frank
Unzieker, Mark
Van Drew, Roger
Vance, Don
Vincent, Wayne
Voegele, H.H.
Von Behren, Grant
Vorhees, Harold H.
Waddell, Phillip
Waggoner, Lawrence
Walker, Edward
Walters, Harvey
Wayland, Karen
Weathers, H.T.
Wedge, Karen
Weingartner, Greg
Welch, Michael
Wenneker, Don
Whitaker, Victor
Wichert, Donald
Wiley, John J.

Wilham, Richard
Williams, Darrell
Wilson, A.R.
Winking, Leo
Witt, Michael
Wolever, Steven
Woodward, Terry
Woodyatt, Dennis
Worthington, Mike
Yettingel, Ray G.
Young, Sherry
Young, Raymond
Zaborac Electric
Zander, Glenn J.
Ziegler, Rick
Media
Modson, Richard
Thurman, Barry
Metamora
Reising, Carl J.
Milan
Holmes, Danny
Moline
Custom Farm Service
Liston, Mary
Williams, Ross
Monmouth
Atwell, Finice K.
Barry, Teresa
Boock, Jeanett
Burgland, Byron
Carlson, Walter
Conard, Jack
Fengel, Robert
Fillman, Harry
Fillman, Ron
Flaherty, Charles
Fordyce, Harold
Hohenstein, Albert
Hoots, Edward
Kempf, Bonnie
Kinkaid, Clara
Lewis, L.T.
Lusk, Wilson L.
Mickey, Sumner
Peters, Myrtle
Ray, Donald E.
Shaver, Marion L.
Shaw, Walter
Sholl, Mildred
Skees, Charles
Smith, Clete

Squires, Russell
Thornton, Linus
Thurman, Bill
Tracy, Dscar
Trout, Thomas
Walters, Mrs. Carroll
Warren County ASC
Morton Grove
Vieck, Erwin
Mt. Sterling
Kirgan, Elzie
Normal
Saulsberry, William
Oak Lawn
Swanson, Kenneth
Oquawka
Brown, Claude
Orland Park
Heimsath, Michael
Ottawa
Clements, Beulah
Park Ridge
Masoncup, Harold
Payson
Smith, Elbert
Pekin
Lawson, Ralph
Peoria
Mingle, Curt
Smith, Lawrence N.
Vogel, Jordan
Williams, Greg
Woodrum, Richard
Woodward, Richard
Plymouth
Danner, James
Hopper, Darrell
Kepple, Ralph
Osborne, William
Quincy, Harold
Roberts, Delmar
Shute, Charles
Prairie City
Carpenter, Danny
Weaver, Roy
Princeville
Princeville Stone Co.
Quincy
Fernow, F.P.
Ransom
Johnson, Miles

Raritan
Higham, George
Jenkins, Billy
Ray
Hendrix, Doyle
Richton Park
Thoren, Byron
Rock Falls
Smith, Michael
Rock Island
Voss, Rodney
Rockford
Tenison, Jack
Roseville
Castle, Robert M.
Day, William
Drake, Earl
Franks, Upton
Fredericks, Gene
Johnson, Charles
Kirkpatrick, H.J.
Linze, Richard
McKee, William
Ricketts, Morris
Scott, Edward J.
Simmons, Alta
Sprague, Melvin
Stotler, Charles
Vestal, Gilmer
Volkmar, Burl
Wilner, Jeffrey
Winters, Harold
Young, Nealy
Rushville
Beam, Jesse
Crouch, Roger
Grisham, Edward
Lashbrook, Donald
McCombs, Jerry
Sciota
Calhoun, Delbert
McBrady, Mary
Silvis
Downing, John
Jackson, Roger L.
Smithfield
Saville, William
Smithshire
Eddington, Clarence
South Holland
Anderson, Donald

Springfield
Fouts, Donald
Olson, Gary C.
Phillips, William
St. Augustine
Collins, Brenda
Durkin, Michael
Hammond, Wallace
Ingram, Kenneth
Johnson, Jim L.
Oberlander, Annie
Smith, Marion W.
Steffold
Hochstatter, James
Sterling
Wagenecht, Steven
Streator
Osborne, Lloyd
Stronghurst
Warrington, Gary
Sullivan
Cordell, William
Thomas, Cindy
Table Grove
Wise, Robert
Tennessee
Adams, Wm. S.
Cavett, Jerry L.
Eddington, Floyd
Fisher, Bob
Garrett, Fred
Hartley, Donald
Mueller, Quentin
Neidig, Peter
Vermont
Cowin, Luther
Pilger, Vada
Sherwood, Richard
Villa Park
Owen, Jill
Viola
Gipe, Donald
Virginia
Aden, Wayne
Boyd Estate, Ethel N.
Walnut Grove
McGrew, Frank
Washington
Senesac, Gary
Woodridge
Adamik, James

Illinois law requires smoke detectors

Illinois law requires that every dwelling unit have smoke detector protection. These smoke detectors should be either the ionization or photoelectric type and approved by Underwriters' Laboratories.

Every dwelling must have at least one approved smoke detector in an operating condition within 15 feet of every room used for sleeping purposes. The detector should be installed on the ceiling at least six inches from any wall or on a wall four to six inches from the ceiling. Every single-family dwelling unit must have at least one smoke detector installed on every floor of the structure, including basements but not including unoccupied attics. In

multiple family or mixed use units the owner is required to supply and install all smoke detectors, including those inside each living unit and at least one smoke detector at the uppermost ceiling or each interior stairwell.

If your home was completed before the end of 1987, you may use either battery-powered units or AC-powered units only. And if your new or remodeled dwelling requires more than one smoke detector, you must have them wired in an interconnected manner so that the actuation of one detector will create warnings at all detector locations.

Violation of the law is a Class B Misdemeanor.

The law specifies minimum numbers of smoke detectors and establishes required locations. There may also be other locations in your home where smoke detectors would be appropriate. Fire safety experts say you should install detectors in several locations, such as near bedrooms, in hallways, living areas and basements. If you have any questions about smoke alarms, contact your insurance company. Your electric cooperative may also have information about smoke detectors and many cooperatives in the state have top-quality smoke detectors for sale at reasonable prices.