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U.S.A. Coin Guide 

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GIGANTIC TV ANTENNA \$259  plus 50¢ postage

At last! A Marvelous, new electronic invention which uses your own house wiring as a super powerful precision TV Antenna to bring in every channel in your area sharp and clear with no dangerous, expensive outdoor Antennas or inefficient, unattractive "Rabbit Ears". No more struggle to get the stations you want. Attaches quickly to your set. Plugs into ANY outlet in ANY room. Uses NO electricity! Absolutely safe! Your home wiring becomes a powerful Giant Antenna, giving super TV reception. Great for FM radios too....

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LACE—LACE—LACE...40 yards of Lace

in delightful patterns. Edging, insertions, etc. Assorted beautiful designs, colors and widths. Pieces at least 10 yards in length—none smaller. Marvelous for dresses, pillowcases etc. Terrific as hem facing. **Only \$2.25** (About 5½¢ yd.) or double orders **\$4.35**. 3 orders just **\$6.25**. Pts include 50¢ pstg. and hdlg. with EACH set of 40 yards you buy. Satisfaction guaranteed! **FREE with lace 50 BUTTONS! 50 NEW High Quality Buttons.** Assorted colors, sizes and shapes. Sent **FREE** with each lace order. Please allow up to 6 weeks for delivery.

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**NOT SNOW • NOT SLEET
NOT ICE • NOT GRIME
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NOT SALT SPRAY**

ONLY \$795

One Application lasts for up to Six Months!

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FREE Color Brochure

CALL TOLL-FREE 1-800-821-7700
(Ask for Operator 5167)

GLASS SHIELD utilizes the formulation now used by most commercial and private planes to insure a perfectly clear windshield regardless of how foul the weather.

WORKS LIKE MAGIC

You'll be amazed as you watch the elements hit your windshield and actually roll and bounce off every area of glass. It's not magic...it's GLASS SHIELD!

IMPROVED FOR CAR & BOAT OWNERS

The plane formulation was enhanced by adding ingredients that not only prevent snow, sleet and ice formation on cars, but also grime, dirt, bugs, tars and salt spray from adhering to your windshield and all glass areas, including side mirrors. You can now drive in the worst of weathers with the assurance that you'll enjoy even clearer visibility at all times without even using your wipers. AND, because GLASS SHIELD protects the entire glass area of your car, you enjoy far greater visibility than merely depending on your windshield wipers. Clearer and wider visibility insures elimination of "blind spots" and provides greater protection against road accidents for you and your family. GLASS SHIELD is made by the manufacturers of famous GLO-SHIELD, America's finest car finish.

Glass Shield™

- STOPS ICE, SNOW AND SLEET FROM FORMING ON WINDSHIELD, ETC.
- ROAD TARS, GRIME, SALT SPRAY, DIRT AND BUGS ROLL RIGHT OFF.
- FULL WINDSHIELD, SIDE AND REAR WINDOW VISIBILITY PERFECTLY CLEAR AT ALL TIMES (not just wiper area).
- GREATER PROTECTION AGAINST ACCIDENTS FOR YOU AND YOUR FAMILY.
- ONE APPLICATION LASTS FOR UP TO 6 MONTHS.
- ONE BOTTLE PROTECTS SEVERAL CARS.
- SAFE FOR ALL CAR FINISHES.
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DeepRock Anderson Road
Opelika, Alabama 36802

Please mail your **FREE Brochure**.

Print Name _____

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30 DAY MONEY BACK GUARANTEE

Howe Co., Dept. 562
10-10 44th Ave., L.I.C. NY 11101

Please rush me _____ bottles of GLASS SHIELD (a \$7.95 (2 for \$13.90, 4 for \$25.95) Add \$1.00 per order for postage & handling. N.Y. residents add sales tax. Enclosed is check or M.O. for \$_____, or charge to my VISA MASTER CARD

No _____ Expire Date _____

Name _____

Address _____

City _____

State _____ Zip _____

AS SEEN ON NBC-TV
David Horowitz' Consumer Report Show
"IT REALLY WORKS!"

© 1986 NC CORP



manager's report

by Robert E. Pendell, Manager

Watts ne

IREN SUPPLEMEN

Coping with a winter outage

1. **DO NOT** use an emergency heater that is not designed for use inside the home.

2. **DO NOT** use a kerosene heater in a tight room without opening a window.

3. **DO NOT** use a gas outside grill to cook food inside the home. (Use it in the garage or outside.)

4. **DO NOT** go in and out of doors. Conserve heat by keeping doors closed.

5. **DO NOT** drain the water heater without turning off the breaker that controls the heater. Remember to make sure the water heater is completely full of water before turning back on.

1. **DO** call the cooperative and tell them that your service is off. Have your location number to give to the dispatcher.

2. **DO** move into a single room and close off the rest of the home.

3. **DO** stay away from fallen wire.

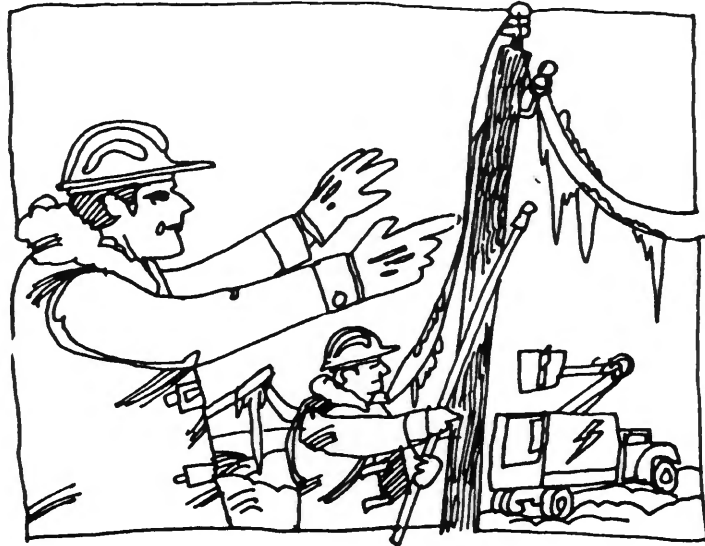
4. **DO** turn off the electricity to motor driven appliances until the service has been restored.

5. **DO** turn the heat pump thermostat to the emergency heat position before the service is restored. This will give the crankcase heater time to warm up the oil in the crankcase reducing the possibility of damage to the compressor when it comes back on. It is best to wait six to eight hours before allowing the compressor to come back on.

6. **DO** have a battery-operated radio to keep up on weather reports and flashlights for lighting.

7. **DO** report to the cooperative if you see a line broken or any damage to the line.

8. **DO** be patient.



McDonough Power Cooperative has been quite fortunate that we have not had a major outage of any duration for the past few years. Your cooperative makes every effort to provide continuous service. Nothing can assure that your service will not be affected by extreme weather conditions.

There are two causes of major outages during the winter time. These are ice and extremely low temperatures. Ice is by far the most damaging. The heavy weight of ice building up on lines will cause wires and poles to break. Any major ice storm will require an extended period of time before all service can be restored.

The other cause is extremely low temperatures, and while it does not cause the damage of an ice storm, it comes at a bad time. This is the time when the temperature is 10 to 20 degrees below zero, and many times the blowing wind causes wind chills way below those temperatures. Like all material made out of metal,

wires will contract as the temperature drops. This stretches the wires, and finding any weak spots, pulls them in two. This normally happens with the first big cold snap.

When these outages happen, your cooperative is flooded with calls. This can be frustrating for anyone calling, as the busy signal is heard more often than the ringing of the telephone. This does not mean that no one is answering the phone, or that someone has left the phone off the hook. We need as many calls as possible so that we can isolate the problem and speed the repair crews to the right place.

Either of these outages can be very disagreeable to members, as well as the crews working to restore the service. When a major outage hits we have all available men working. We also have the opportunity to request and receive help from other cooperatives throughout our statewide organization in Springfield.

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 Harold Anderson, Treasurer
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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

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 tractors.

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.

Qualify for your electric heat rebate

Did you send in the card that was inserted in the December Illinois Rural Electric News (copy of card below right) to receive your electric heat rebate?

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

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

Example: Assume McDonough realized a total increase of 5,000,000 kilowatt-hours during the 1986-87

heating season, due to electric heating — \$69,204 divided by 5,000,000 kwh yields a factor of .01384. Therefore, if your increase was 3,000 kwh, your bonus would be \$41.52. The \$41.52 would be credited to your April 1987 (May

billing) statement.

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

Sign-up card for Electric Heat Rate

This is to certify that I have **ELECTRIC HEAT** as my **PRIME** source of home heating and I understand that by affixing my signature below entitles me to the special **ELECTRIC HEAT CREDIT** which will be offered by the Cooperative in the 1986-1987 heating season.

TYPE OF ELECTRIC HEAT I HAVE (check one):

Heat pump with elec. back up Earth coupled heat pump

Ceiling cable Electric furnace Baseboard

Other (please state what kind) _____

Do you supplement your electric heat?
 (i.e. Kerosene heater, L.P. space heater) _____

If so, with what _____

NAME: (Please Print) _____

Date: _____ **Signed:** _____

Homeowners!

7 Ways Better Than Ordinary Lawn Mowers!

Garden Way's New TUFF-CUT is the perfect alternative to ordinary walk-behind mowers & expensive "riders"!

- **Easy to Handle** — Big, easy-rolling powered wheels handle slopes, obstacles, and rough ground with ease.
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- **Find out** all seven ways the TUFF-CUT is superior to ordinary mowers — send for **FREE DETAILS Today!**

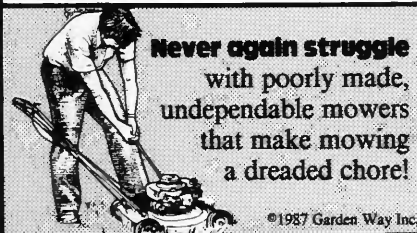


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102nd St. & 9th Ave., Troy, NY 12180

YES! Please send all the exciting facts about Garden Way's TUFF-CUT® High Wheel Mower, including prices, details on our 5 models and Special Limited-Time SAVINGS OFFER now in effect!

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Fool your friends with this exact reproduction of old U.S. Gold Banknote (1840). It's yours free when you send for new "FUN CATALOG" (Jokes, Tricks, etc.) Send 50¢ (coin) for shipping. Special 3 for \$1.00.
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The EXOTIC
Copper chain...
Does it REALLY hold
MIRACULOUS CURATIVE
POWERS?

Frankly, we don't know, but for many years folks everywhere, including famous athletes, wealthy & prominent people, have placed their faith in the mystical powers of copper to relieve the pain of arthritis, rheumatism & other diseases of the joints. Recent research conducted by an Akron biochemist now indicates that copper may indeed be a natural pain-killer due to the reaction of copper with chemicals on the skin which produces an anesthetic called ethylene, which can be absorbed into the body and circulated by the blood. We don't make any medical claims for our copper Bracelets — we do claim that they are 100% PURE GLEAMING COPPER and a stunning accessory for both men and women. Great for gifts. Allow 6 wks. for delivery.
LADIES CHAIN \$1.50 ea.....2/\$2.75
MEN'S HEAVIER CHAIN \$1.75 ea.....2/\$3.25
TWO BROTHERS, INC. Dept. CB-154
1602 Locust St., St. Louis, MO 63103

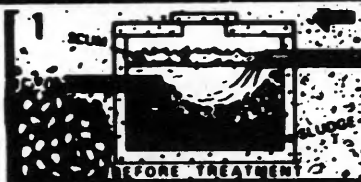
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Just Pour Safe, Easy To Use Powder Into Your Commode and Finally ...

END SEPTIC TANK BACKUP CLOGGING and SMELL

RESULTS VISIBLE OVERNIGHT!

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 liquefies 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 4 routine monthly 4 oz. treatments.



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SOLIDS DIGESTED AND LIQUEFIED NOW ABSORBED IN OPENED DRAINFIELDS

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- 4 lbs. @ \$21.30 plus \$2.50 P & H total \$23.80
- 8 lbs. @ \$36.50 plus \$3.00 P & H total \$39.50 Sizes

Charge to my Master Card Visa

Account No. (All digits) _____

Expiration Date ____-____

Signature _____

Street _____

City _____ State _____ Zip _____

Charge Customers call: 1-800-533-2225

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 of my money back.

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General Dentistry

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1-800-422-5113

In Missouri

ILLINOIS RURAL ELECTRIC NEWS

MISSING



HEATHER ANN GURLEY

LAST SEEN: 5/18/86 EYES: Brown
 FROM: Herrin, IL HEIGHT: 4'6"
 DOB: 4/16/75 WEIGHT: 65
 WHITE FEMALE HAIR: Brown



DONEL JACOBY MINOR

LAST SEEN: 12/20/84 EYES: Brown
 FROM: Inglewood, CA HEIGHT: 20"
 DOB: 10/8/84 WEIGHT: 10
 BLACK MALE HAIR: Brown

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

1-800-843-5678

(sightings only)

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

-Safety Tip of the Month-

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

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

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

1-800-222-1464

You'll Catch Fish Like Crazy... IT'S GUARANTEED!

All you have to do is spray a little secret formula called "Catch Fish Like Crazy" on your bait or lure. And whether you fish fresh water or salt water, whether you fish in good or bad weather (even ice fishing), no matter what kind of fish you're after... you'll catch more fish, bigger fish than you've ever caught in your life! If you don't, you'll get your money back. You've got to try it to believe it. For a long-lasting spray can just send \$5.95 plus \$1 post. and hdlg. Save more order 2 cans \$10.00 plus \$1.50 post. and hdlg. Save even more 4 cans \$19.95 post. FREE! Send Check or Money Order today. Master Card & Visa orders welcome. Send card # and exp. date.



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 6100 N. Keystone, Indianapolis, IN 46220
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"I THINK IT'S A MIRACLE I'M FREE FROM PSORIASIS" SEND FOR FREE INFORMATION

"Had psoriasis since I was 19, now going on 61. Under my arms, between my legs. I've been free from psoriasis over 6 months now. I think it's a miracle. Dr. knows what it's all about, he has a cure, no mistake about that. God bless Dr. Connolly." M.U. . . . IL.
 PSORIASIS CLINIC DEPT. 1R27 RTE. 1 PONTIAC, IL 61764

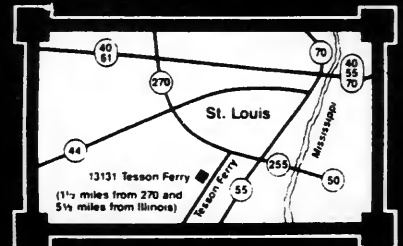
DID YOU KNOW?

That old stock tank, water reservoirs, etc., coated with Virden Tank Coat, are better than new ones! Fix it and forget it! Let us send you complete information. Serving Farm & Ranch Since 1950. **VIRDEN PERMA-BILT CO.**, 2821 Mays St., P.O. Box 7160IN, Phone: 806/352-2761, Amarillo, Texas 79114-7160

DENTURES \$99 ea.

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 Metal - \$195 ea. (10 work days)
- EXTRACTIONS
 With Denture - \$5 ea.
- FREE Denture Examination
- FREE Follow-up Adjustment
- REPAIRS and Other Dental Services (Fee List Available)



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SINCE 1971

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Dept. IRE, 1701 E. Cook, Springfield, IL 62703



manager's report

by Robert E. Pendell, Manager

watts ne

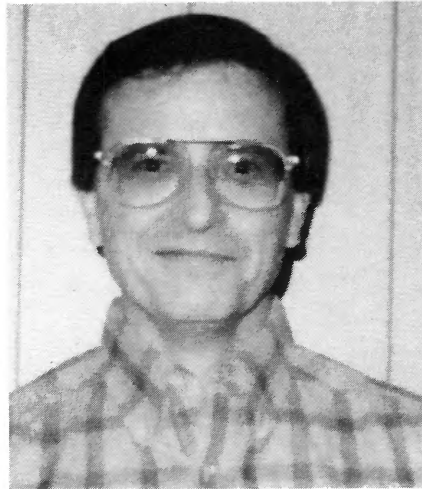
IREN SUPPLEMEN

Robeson promoted; Traser new employee

Roger Robeson was recently promoted to office coordinator. He has served as accountant for the past 20 years. Roger began employment with the Cooperative in March 1958 as records clerk. His experience has been as billing clerk and accounting and he is well versed in all phases of the Cooperative bookkeeping.

He fills the vacancy created by the death of Ken Sullivan on November 9, 1986.

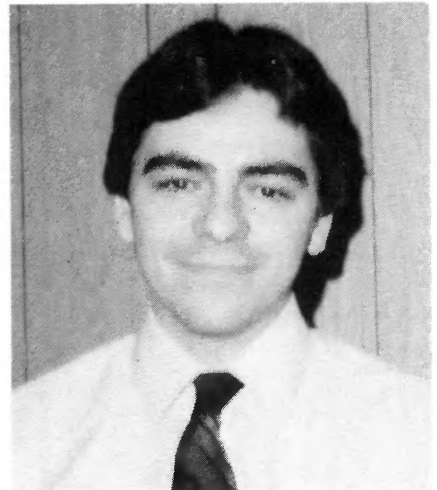
We welcome Roger to his new position and look forward to working with him in that capacity.



Robeson

Scott L. Traser began employment with the Cooperative December 15, 1986, as accountant.

Scott is a graduate of Western Illinois University with a bachelor of business degree in accounting earned in May 1985. He studied electrical and computer engineering at Arizona State University before transferring to Western Illinois University. He also studied



Traser

pre-engineering at Western Illinois University.

Scott and wife, Lynn, have a nine-month-old son, Kevin. They currently reside in LaHarpe, but will be moving to Macomb in the near future.

We welcome Scott to the McDonough Power family and look forward to working with him.

Delinquent notices

Your Cooperative utilizes delinquent notices sent about the 19th of each month to those members who have not paid their electric bills, which are due the 17th.

These are on a red and white bill that is 3 1/2" x 5 1/2". We want the members to be aware of the notices as **THIS IS THE ONLY NOTICE YOU WILL RECEIVE** if your electric bill is not paid on time.

Please read the notice carefully. You are advised of a date on which your electric service will be disconnected if your electric bill has not been paid in full. If you allow your electric service to be disconnected, and our crews to come to your

premises for collection, additional fees will be assessed, along with our past due amount, in order to get your electric service reconnected.

If you receive this notice and have sent in your payment, it is wise to check with the Cooperative to make certain your payment has been received by the Cooperative. There are occasions when mail is lost, but the Cooperative is not responsible for the payment when this happens.

These cards are a reminder that payment has not been received as we all forget at times when we are busy. It is not the intent of the Cooperative to offend any member with this reminder.

What to do when the power is off

If your power goes off, we offer these suggestions:

1. Check your 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. Find your location number, which is on the lower left hand corner of the billing stub the member keeps.
5. Call 837-1400 and report what you have found.
6. Someone is on call at all times to take calls on 837-1400.

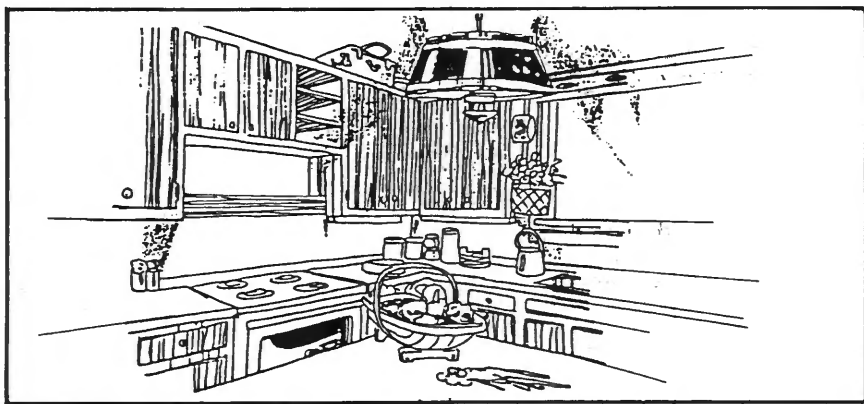
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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400



Kitchen guide offered

Most of the estimated four million kitchen remodeling projects completed in American homes this year began with some wishful thinking, a collection of clippings and a dream that wouldn't go away. Whether it took a breakdown in an

Oil costs

Oil companies face \$3 billion a year in added costs, primarily increased taxes ordered under the new tax law and other expenses required to help pay for expanded environmental programs, according to a study released by the American Petroleum Institute. The Institute complained that other proposed legislative and regulatory changes, if adopted, would impose an additional \$14.5 billion in annual costs on the industry.

"These costs will impact at a time when the petroleum industry has been severely hurt by falling crude (oil) prices," said the study. The study puts costs already imposed on the industry at \$2 billion a year because of the new tax law, \$700 million for toxic waste cleanup and \$500 million for a program to reduce lead in gasoline. — Rural Electric News Service.

old appliance or a scorched counter top to get beyond the wishing stage, the majority of these projects more than likely started out with more questions than answers.

"Remodeling Kitchens for Today's Living," a professional's step-by-step guide to success published by Maytag, is designed to answer most of those questions so today's consumer can approach the remodeling undertaking without panic. Written by Ellen Cheever, a California-based certified kitchen

Tips for dieters

Even though you may come from a long line of pleasingly plump people, you may still make an attempt at taking off the year-end holiday fat. The U.S. Agriculture Department suggests you diet before you have a real problem. Excess weight gain can add fat cells that are hard to lose. Check with your doctor for a well-balanced moderate calorie diet suited to your needs. Most such diets advise that you:

- Reduce your intake of alcoholic beverages
- Lower fats and sugars
- Increase carbohydrates from raw

designer and design director of the Maytag Kitchen Idea Center, the 28-page illustrated booklet takes consumers from their initial decision to remodel through all the important steps before seeking professional help, and includes guidelines for selecting and working with professionals.

Illustrated with photographs and floor plans of kitchens designed for different family needs, the new guide begins with questions to ask and offers professional advice on sorting out ideas and options. It gives suggestions on design concepts and basic rules that work, includes planning questionnaires, provides a rundown on basic kitchen appliances, cabinets and materials, and deals with such nuts and bolts matters as costs, references, payment schedules and living through the actual remodeling experience.

For a copy of "Remodeling Kitchens for Today's Living," send a check or money order for \$2 to: Maytag, Dept. 20PR, Newton, Iowa 50208.

fruits, vegetables and wholegrain breads and cereals

- Use low-fat dairy products
- Include some lean meat, fish and poultry in your diet. Cook the poultry without the skin. You could lose one to two pounds a week on such a diet. And never mind crash diets. A quick weight loss is an illusion. You lose primarily fluids, not body fat. For some people, this can also be dangerous. Regular daily exercise will aid your diet goal, especially over time. If you're seriously overweight, see your doctor before dieting.

Two Grown Men Can't Pull It Apart! Zoysia Saves Time, Work & Money



So deep-rooted is Amazoy... it grows into practically indestructible turf.

Amazoy is the Trade Mark Registered U.S. Patent Office for our Meyer Z-52 Zoysia Grass

By John T. Jackson

Every year I see people pour more and more money into their lawns. They dig, fertilize and lime. They rake it all in. They scatter their seed and roll and water it. Birds love it! Seeds which aren't washed away by rain give them a feast. But some seed grows, and soon it's time to weed, water and mow, mow... until summer comes to burn the lawn into hay, or crabgrass and diseases infest it.

That's what happens to ordinary grass, but not to Amazoy Zoysia.

"MOWED IT 2 TIMES," WRITES WOMAN

For example, Mrs. M. R. Mitter writes me how her lawn "...is the envy of all who see it. When everybody's lawns around here are brown from drought ours just stays as green as ever. I've never watered it, only when I put the plugs in... Last summer we had it mowed (2) times. Another thing, we never have to pull any weeds — it's just wonderful!"

LAWN WATERED ONLY ONCE

And from Iowa came word that the state's largest Men's Garden Club picked a Zoysia lawn as the "top lawn — nearly perfect" in its area. Yet this lawn had been watered only once all summer up to August!

NO NEED TO RIP OUT PRESENT GRASS

Plug Amazoy into old lawn, new ground or nursery area. Just set Amazoy plugs into holes in ground like a cork in a bottle. Plant 1 foot apart, checkerboard style.

When planted in existing lawn areas plugs will spread to drive out old, unwanted growth including weeds — from part shade to full sun. Goes off its green color after killing frosts. Begins regaining its green color at the time when the temperature in the spring is consistently warm. This, of course, varies with climate. Easy planting instructions with order.

FREE! UP TO 900 PLUGS!

CHOKES OUT CRABGRASS

Thick, rich, luxurious, established Amazoy grows into a carpet of grass that chokes out crabgrass and weeds all summer long.

FOR SLOPES, PLAY AREAS, BARE SPOTS

End erosion of slopes with Amazoy. Perfect answer for hard-to-cover spots, play-worn areas.

NO SEED, NO SOD!

There's no seed that produces winter-hardy Meyer Zoysia. Sod of ordinary grass brings with it the problems of seed: like weeds, diseases, burning out, other ills. Save time, work, money. Plug in Amazoy.

CUTS YOUR WORK, SAVES YOU MONEY

Your deep-rooted, established Amazoy lawn saves you time and money in many ways. It never needs replacement...ends re-seeding forever. Fertilizing and watering (water costs money, too) are rarely if ever needed. It ends the need for crabgrass killers permanently. It cuts pushing a noisy mower in the blistering sun by 2/3.

YOUR OWN SUPPLY OF PLUG TRANSPLANTS

Established Amazoy gives you Zoysia plugs to plant in other areas as desired!



FREE PATENTED STEP-ON PLUGGER WITH ORDERS OF 600 PLUGS OR MORE.

Amazoy exclusive! No one else can offer you this patented 2-way plugger. Saves bending, time, work. Light, rugged, invaluable for transplanting. Cuts away competing growth as it digs plug holes.

WEAR RESISTANT

When America's largest University tested 13 leading grasses for wear resistance, such as foot scuffing, the Zoysia (matrella and japonica Meyer Z-52) led all others.

Your Amazoy lawn takes such wear as cookouts, lawn parties, lawn furniture, etc. Grows so thick you could play football on it and not get your feet muddy. Even if children play on it, they won't hurt it — or themselves.

Amazoy thrives in porous, sandy soil, "builder's soil" — even salty beach areas! Beauty is but one advantage of Zoysia Grass. It's also so vigorous and rich it thrives in soils where lesser grasses have failed you repeatedly. Start your Amazoy lawn this Spring, and never re-seed your lawn again!

Meyer Z-52 Zoysia Grass was perfected by U.S. Gov't. Released in cooperation with U.S. Golf Assoc. as a superior grass.

Order guaranteed Amazoy now, get your bonus plugs FREE. Your order will be delivered at earliest correct time for planting in your area.

We ship all orders the same day plugs are packed, shipping & handling charges collect via most economical means. For credit card orders shipping & handling costs will be charged to your account.

EVERY PLUG GUARANTEED TO GROW IN YOUR AREA • IN YOUR SOIL

■ **AMAZOY WON'T WINTER KILL** — has survived temperatures 30° below zero!

■ **AMAZOY WON'T HEAT KILL** — when other grasses burn out, Amazoy remains green & lovely!

Your plugs are shipped to you not cut all the way through, so as to insure maximum freshness and viability. To plant, separate all plugs completely with grass shears or a knife. Any plug failing to grow in 45 days replaced FREE.

Order now for your FREE Bonus Plugs.

Zoysia Farm Nurseries, Dept. 56
3617 Old Taneytown Road
Taneytown, MD 21787

Please send me guaranteed Amazoy as checked below:

<input type="checkbox"/> 100 PLUGS Plus 20 FREE	<input type="checkbox"/> 100 PLUGS Plus 30 FREE with Plugger	<input type="checkbox"/> 300 PLUGS Plus 60 FREE	<input type="checkbox"/> 300 PLUGS Plus 90 FREE with Plugger
\$595	\$995	\$1295	\$1695
Total 120 Plugs	Total 130 Plugs Plus Plugger	Total 360 Plugs	Total 390 Plugs Plus Plugger
<input type="checkbox"/> 600 PLUGS Plus 180 FREE with FREE Plugger	<input type="checkbox"/> 1500 PLUGS Plus 450 FREE with FREE Plugger	SPECIAL OFFER! <input type="checkbox"/> 3000 PLUGS Plus 900 FREE with FREE Plugger	
\$2595	\$4995	\$6995	
Total 780 Plugs Plus Plugger	Total 1950 Plugs Plus Plugger	Total 3900 Plugs Plus Plugger	

Additional Plugger **\$695** Md. residents add 5% sales tax.

I Enclose \$ _____ Check M.O.
Charge credit card VISA MasterCard
Acct # _____
Expiration Date _____
Signature _____
NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____

(Our 32nd Year)

Not available in Wash. and Oregon states

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ILLINOIS RURAL ELECTRIC NEWS

Special-By-Mail SALE!

Save up to 50% on Extra Choice Nursery Stock! Fully Guaranteed!

Very Special! Beautiful

Colorado BLUE SPRUCE 3 FOR \$1.95

Yes, that's right, now you can purchase the beautiful Colorado Blue Spruce (*Picea pungens glauca*) at amazingly low prices. These strong, nicely-rooted, 8-12" northern nursery grown seedlings are just the right size for transplanting. Excellent for use as corner

7 for \$3.95
16 for \$7.95
4-year old trees

groups, windbreaks, or as individual specimens. Buy now and have the added pleasure of shaping your trees just the way you want while you watch them grow. Order now and save at these unusually low prices.



BONUS!

10 PERIWINKLE 35¢

Orders for \$8 or more can order 10 Evergreen Periwinkle for only 35¢. Dainty spring flowers highlight this perennial ground cover. OR, ORDER PERIWINKLE AT THE REGULAR PRICES OF 10 FOR \$1.00.

Scarlet Red Maple

ONLY \$1.95 ea.

3 for \$5.75 6 for \$10.95 12 for \$19.95

*One Of Nature's Most Richly Colored Trees...
*Grows Most Anywhere! *Wonderful Shade Tree!*

You'll be thrilled with the beauty of the SCARLET RED MAPLE TREE (*Acer rubrum*). The rich green leaves of Spring are complemented by dainty red flowers, followed by red seeds. In the FALL THE LEAVES TURN TO A REGAL SCARLET to brighten your Autumn for weeks. The rounded shapeliness of this rapidly growing tree will please you too. EXTREMELY HARDY AND DISEASE RESISTANT, the Red Maple will grow to 35 ft. tall and will live for years. You'll receive strong, heavily rooted, hand selected, 2-4 ft. collected trees.



Red Summer Flowers — Evergreen Winter Foliage

CREeping RED SEDUM

Now is the time to plant Creeping Red Sedum (*Sedum Spurium*, Dragon's Blood). Rock gardens, borders, edgings, under shady trees, and steep banks will be alive with carefree color and perennial durability. Just place these hardy, northern grown plants about one foot apart and watch them take over! Fill troublesome areas with a neat 3-4" tall cover that spreads fast, yet doesn't need pruning. Depend on it for bright red, star-like flowers from June through September — attractive, thick, semi-evergreen foliage the rest of the year, even in sub-zero weather. Sedum spreads evenly, maintains its uniform smooth beauty at all stages of growth. Hardy Sedum grows well in sun or partial shade, in sandy soil, clay soil, or good soil. Truly the Perfect Ground Cover!

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FLOWERING CHERRY 50¢

In addition if your order totals \$12 or more, you can order a pink Flowering Cherry for only 50¢ OR, ORDER THESE USEFUL FRUIT TREES AT THE REGULAR PRICE OF \$2.00 EACH.

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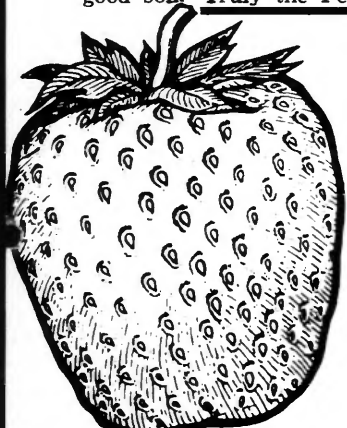
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EXTRA LARGE EVERBEARING . . .

Quinault Strawberries

GROW AS BIG AS TEACUPS 50 for \$6.95
100 for \$11.95
ONLY 25 for \$3.95 250 for \$24.95

Here's a great-tasting, heavy-bearing new everbearing Strawberry that grows so big we hesitate to tell you...we're afraid you won't believe it. But they have been found as big as tea cups. This amazing berry was developed by Washington State University. Quinault has been tested in 13 States and Canada with excellent results for size, taste & plant growth. IT WAS FOUND TO BE THE MOST DISEASE FREE EVERBEARING WE HAVE EVER TESTED. It appears to be the MOST POPULAR VARIETY OF EVERBEARING STRAWBERRIES. They are a firm deep red berry, a mouth watering delight for desserts, preserves, freezing and eating fresh. (Sorry not shipped to Ariz.)





manager's report

by Robert E. Pendell, Manager

watts ne

IREN SUPPLEMEN

'Blinks' and digital equipment

We are often asked, "Why was the electricity off? Now I have to reset all my digital clocks." Sometimes the power is only off for a split second, and many people would not even be aware of it except that their digital clock starts flashing and must be reset. If you don't fully understand what can make the electricity "blink" we will try to explain.

First, it helps to know what causes some of the problems with the electric lines. A national survey of electric utilities shows that 45 percent of the outages were caused by wind and trees, 20 percent by lightning, 10 percent by equipment and wiring and 25 percent by miscellaneous reasons. Often these problems are temporary in nature.

Because the majority of problems are temporary, electric utilities over the nation use oil circuit reclosers (OCR's) that momentarily disconnect the lines — and then reconnect them. (OCR's are set to operate four times when there is trouble on the line. If the trouble is still there after the fourth operation the OCR will lock open and remain that way until it is reset manually.) When the OCR "operates" it causes a momentary disconnect which causes your lights to "blink."

When the line is temporarily disconnected the gases in an arc have time to dissipate. Then the line can be safely re-energized. In the past, these momentary "blinks" did not cause much of a problem — in fact many people were not even aware of an OCR operating. Today, with the additional use of computer equipment and digital clocks it is more noticeable. About 60 percent

of all problem on McDonough Power Cooperative lines are temporary in nature. Without the use of OCR's, a service call would be necessary — and you would be without power for a much longer time.

If you have computer equipment, it is important to "save" the data as often as possible. This will prevent

Be careful around lines

Power lines are present in our lives today. They are everywhere because they carry the electricity which is such an indispensable feature of modern life.

Because electricity is so commonplace, we sometimes fail to respect this awesome power that flows along power lines.

Electricity, for all practical purposes, is no different from lightning. Its flow is ordinarily controlled, of course, and is entirely safe when used with proper precautions.

But, just like lightning, electricity constantly seeks a path to the ground. That is why wiring has insulation — to prevent the current from taking a direct path to the ground rather than through our electrically powered machinery and appliances.

When a human body becomes a direct link between a power line and the earth, the result can be disastrous. Note the following warnings:

Flying kites or model airplanes —

When kite strings or metal guy wires touch live power lines, they can provide a path to the ground electricity seeks, making the final

the loss of data in the event the power goes off. Many digital clocks are now manufactured with battery back-up so that they will not have to be reset.

Although an OCR operating during a temporary problem can be annoying, it is the best solution available to prevent the lines from being off for a long period.

part of the journey through the body of the person holding the string or wire.

Tree climbing — Youngsters are always climbing trees. But where power lines run between limbs or touch parts of the tree, innocent fun could turn to tragedy.

Farm equipment — When using farm equipment, be especially careful not to let it come in contact with overhead wiring. Should this happen while you or someone else is touching the equipment, you could again provide that lethal link to the ground for electricity.

Ladders — Be particularly careful when moving a ladder near a power line. It can easily tilt into a live wire and electrocute its holder.

Antennas — Being cumbersome and hard to control, antennas are especially dangerous to move about near an electric line. Use caution when installing or replacing an antenna.

To be safe, keep all objects at least 10 feet and **never** attempt to raise or move an electric line. Call your Cooperative for assistance in dealing with live electric lines.

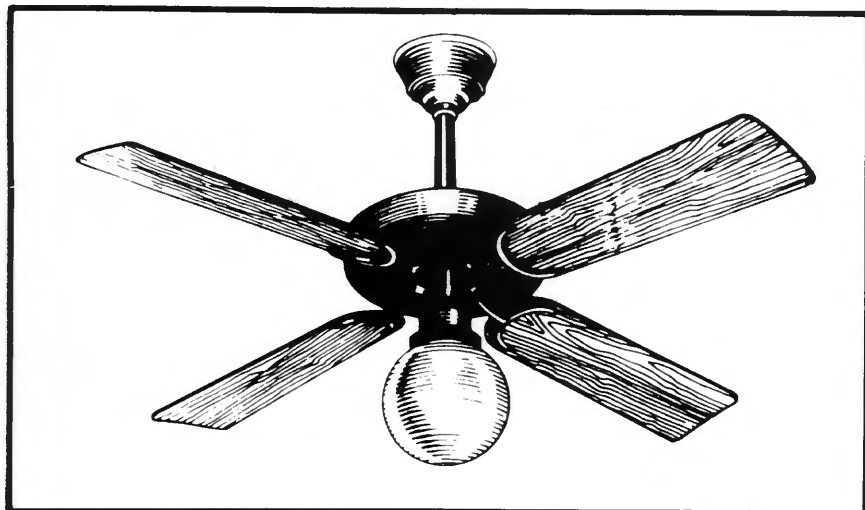
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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

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Ceiling fans

Some of us recall them purring above our heads as we sipped ice cream sodas at round marble tables in drug stores. Barber shops frequently had them, too, and many homes were cooled by their rhythmical whirl in every room.

We're talking about ceiling fans, as you probably guessed. Today they are again in vogue, not only for their decorative and nostalgic touch but also as energy saving appliances. New models feature reverse blade pitch which gives them year-round serviceability.

Jean Carlson, Kansas State University Extension specialist in household equipment and management, says they live up to their past reputation. No longer a relic of a bygone age, ceiling fans help energy-conscious consumers save. Fans also aid as an exhaust for smoke or odors.

According to a report from the National Bureau of Standards, ceiling fans can lower energy costs in both summer and winter, depending on other conservation factors in

homes.

Home air conditioning thermostats can be raised seven to eight degrees when a ceiling fan moves cool air, Carlson reports from the study. As much as eight percent of your summer cooling bill can be reclaimed for each degree change. Because moving air keeps you more comfortable, you will probably never notice the change.

With a well-placed reversible fan, heating bills also can be lowered. Some families report a reduction of from 25 to 30 percent because fans reclaim warm air when they move cool air up a wall and push warm air down.

When utility bills are lowered, the fast payback on fans reinforces the appeal of those nostalgic items, but Carlson points out that, like other appliances, fans are available in a host of types and styles that confuse or bemuse consumers. One major company has 25 different models available. Exclusive specialty stores with diverse selections are usually located in larger cities, but elec-

trical, discount and catalog stores supply most popular models.

Some old-line companies have been in the business for more than 100 years, but imports are fast invading the market to take advantage of fans' current popularity. Carlson reports that fans are priced from under \$100 to more than \$500, depending on the model and its accessories.

Fans are made from metal, plastic, ivory, wood and even cane. Because the appliance frequently replaces a ceiling light fixture, accessory lights with the fan may be a necessity. In fact, Carlson says 75 percent or more of the fans sold have light fixtures included.

Controls may be pull chains, wall switches or remote sonic devices. For high-ceiling areas such as open stairwells or vaulted ceilings, remote controls that change blade position and speed may be necessary. Lights also may be operated remotely.

Fan blades may be one of the most important buying considerations. Blade size determines the amount of air moved, and the turbulence and noise they create. Currently, fans are available with three, four and six blades that range in size from 36 to 56 inches. More expensive fans will offer more than one blade speed and paddle position.

Quality workmanship and correct installation are necessary safety features.

As you shop, keep in mind your home's design and decor as well as the height of your ceilings and your family members. Some fans with light fixtures may hang so low when installed in an eight foot ceiling that tall people will find them whirling too close for comfort!

FREE to Readers of This Publication All-Season Strawberries for Spring Planting



One Berry Makes a Mouthful Just Like This

PICK BIG, JUICY STRAWBERRIES ALL FOUR SEASONS OF THE YEAR

**New 'Brighton' Laughs at Summer's Long
'Dog Days' — Bears Summer, Fall, Winter & Spring
Starting in Just 60 Days.**

Three Berries Fill Both Hands (Just like this) 



There has never been a strawberry like *Brighton*, yielding big, juicy berries all four seasons of the year. Other strawberries have built-in 'time clocks' that automatically stop them bearing as soon as long summer days arrive. Even the so-called 'Everbearer' types stop bearing except during short, cool days of spring and fall. But NOT *Brighton*.

New *Brighton* strawberry is the first of a new race of perpetual-bearing strawberries officially called 'day neutrals' (a scientific name meaning 'unaffected by day length'). They even continue their non-stop production in temperatures up to 95 degrees, and will keep on bearing during winter when taken indoors.

New Breakthrough in Strawberries

Developed by plant scientists at the University of California, from a single plant discovered near Salt Lake City, Utah, *Brighton* requires no special care to start bearing loads of fruit, continuously. Each plant is so eager to bear fruit it starts flowering and fruiting within 60 days, THEN sets an exceptional number of strong 'runners' and daughter plants that ALSO flower and bear fruit the same season. What's more, these 'bonus' plants will produce flowers and fruit whether rooted in soil or not. This makes them great for decorative planters and hanging baskets.

Imagine just two plants in a pot with beautiful white star-shaped flowers and cascades of delicious red fruit hanging all around the sides.

Plus, with each order of *Brighton* strawberry plants, we send you FREE complete planting instructions, including tips on planting in containers, growing indoors, ensuring heaviest yields, largest fruit and other helpful ideas.

FREE OFFER

The best news of all is that Spring River Nurseries has secured almost all the available supplies of *Brighton* strawberry, allowing home gardeners to grow as few as two plants to test — or plant a whole patch of up to 100 plants. What's more, Spring River Nurseries is giving readers of this publication the opportunity to grow these incredible 'perpetual-bearing' strawberries FREE. If you want just two plants to test send only \$1.25 to cover postage and handling. *The plants are on us!* Spring River Nurseries supplies healthy rooted plants ready to start bearing fruit this coming spring.

Guarantee

Plants are guaranteed to arrive in good condition. If not completely satisfied return plants for replacement or refund, no quibble.

COUPON

Mail To:
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Spring River Road, Hartford, Michigan 49057

- 2 Brighton Plants FREE
(Send only \$1.25 postage and handling.)
- 6 Brighton Plants \$1.75
(plus \$1.25 postage and handling.)
- 12 Brighton Plants 3.55
(plus \$2.00 postage and handling.)
- 24 Brighton Plants 7.20
(plus \$2.00 postage and handling.)
- 50 Brighton Plants 13.00
(plus \$2.00 postage and handling.)
- 100 Brighton Plants 24.00
(plus \$2.00 postage and handling.)

Send (total plants) _____

Amount enclosed _____

Complete growing instructions
sent FREE with every order.

Name _____

Address _____

City _____

State _____ Zip _____

Please allow 3 weeks for delivery.

properly cared for it's a renewable resource. It ought to be cherished and protected from wind erosion and water erosion, expansion of metropolitan areas and all the rest.

RENS: Will the decrease in the number of farmers hurt them politically?

Will: Very important that the first event in the presidential selection process is in Iowa. Because it does give a kind of interesting twist. Second, not all states are farm states but every state has farmers in it, which means that there are 100 senators to whom the farm constituency is not negligible. In politics, the way we do it in this country, you don't just count noses. It's intensity. And the farmers are organized, attentive and intense.

RENS: Some of our power-generating cooperatives face severe financial problems as a result of beginning power plants 15 years ago, then watching construction costs go up and the demand for energy go down. Is that anybody's fault? Could the co-ops have been more foresighted?

Will: Look at the price of oil in 1972. And look what it's gone up to, and come down from. No one predicted 15 years ago that OPEC was going to become the power it did and no one predicted the Yom Kippur war that started it all. No

one predicted the collapse of OPEC. No one predicted the Iran-Iraq war. You have one of the major wars of modern times occurring as we talk because some lunatic in Iraq decided to take a bite out of Iran. So it's hard for me to blame people who had to make very difficult, very important decisions involving huge assets based on energy use projections. I do think one huge, clear blame attaches to the antinuclear lobby. They have used the courts, and Congress has passed laws enabling them to use the courts, not just to restrict nuclear growth, not just to insist on safety, but really to confiscate property. That's what they've done with some of these plants. They've just said we'll seize the investment and make it meaningless. And I think it's an outrage.

RENS: Where are we now in terms of programs such as the Rural Electrification Administration and other New Deal programs?

Will: Ronald Reagan for six years now has proposed the elimination of many programs. I'm not sure he's killed any. They have survived the wave of conservatism and they're ready to grow again when an Administration comes in more sympathetic to their growth. If you kill a program it's hard to start it up again. But if you leave it there it's easy to increase the funding. And that's why the so-called Reagan revolution is not all it's cracked up to be.

RENS: How do you personally react to that?

Will: It doesn't bother me. I'm a strong government conservative. The American people want the post-New Deal style of government. They want a welfare state. Second, the welfare state was invented in Europe by conservatives: Bismarck in Germany and Disraeli in Britain, for impeccable conservative reasons. They said, if you're going to make people tolerate the uncertainties of a free market, of a dynamic enterprise economy, with all that implies about uncertainty of outcome, you'd better have a safety net. You'd better understand you've got to take the sting out of freedom. And that's what the welfare state tries to do and I don't find it morally objectionable or politically dangerous — within reason.

— Rural Electric News Service

"So it's hard for me to blame people who had to make very difficult, very important decisions involving huge assets based on energy use projections."



Will



manager's report

by Robert E. Pendell, Manager

watts ne

IREN SUPPLEMEN

Be careful with grain augers

The grain auger is a portable piece of farm equipment, 50 to 60 feet long, and weighing several hundred pounds. It is used to move grain from a truck or trailer and to load it into a dryer or storage bin. An auger is moved to a desired location on inflatable type car tires and then raised into position by means of a hand crank attached to a steel pulley system. The discharge end is elevated to the top of a dryer or bin, and the opposite end is lowered in order to pick up the grain to be moved. The auger is usually powered by connecting a universal joint to the power takeoff on a tractor or other piece of farm equipment. After transferring the grain, the auger should be lowered to a horizontal position for a safe transportation to another location. However, the auger is not always

lowered before being moved, and this unsafe practice could pose a life-threatening hazard if the auger comes into contact with overhead electrical lines or if it were to tip over during transport.

Here are some recommendations to farm owners, managers, and agricultural workers:

Make a survey of the farm to identify hazards posed by the location of overhead electrical lines. When all such hazards are identified and documented for future reference, workers should be informed of their location and instructed in the steps necessary to safely move grain augers.

Grain augers pose a life-threatening hazard when moved in an elevated position if they contact overhead electrical lines or if they tip over. Therefore, it is essential

that grain augers be lowered to a horizontal position before being moved from one location to another. In addition, all other equipment to be moved should be evaluated in order to determine the most appropriate method that will ensure worker safety during its transport. Manufacturers of grain augers are urged to consider design modifications that will prevent grain augers from being moved while in an elevated position.

It is recommended that users and manufacturers of grain augers affix safety signs onto the equipment that warn the user of the potential hazards of moving the auger in its upright position. This sign should be placed on the grain auger in a conspicuous location so that it will alert workers of life-threatening hazards.

Don't burn treated wood for heating

Pressure-treating wood with chromated copper arsenate (CCA) or other preservatives is a very common treatment for building material used in constructing decks, wooden walkways, sill plates and other building components exposed to weather elements or soil. CCA-treated lumber can be identified by its yellowish-green to brown color. Treated lumber can release toxic or poisonous chemicals in the smoke and ash when burned in a stove or fireplace. Arsenic poisoning can result from

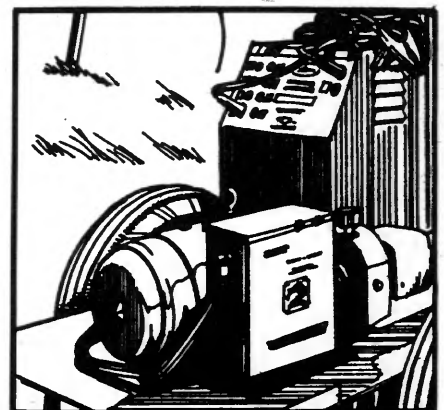
inhaling ash dust or making skin contact with the burned ash from CCA-treated lumber. Therefore, never burn chemically treated lumber or lumber scraps in a fireplace or woodstove. Dispose of them by burying or hauling to a landfill. — Energygram, Oregon State University, November 1986.

Use care with standby generator

Electric utility linemen have been killed because of backfeed into distribution lines from portable electric generators. These gasoline-powered motor-generator sets have become common on recreational vehicles, and homeowners are being encouraged to buy the units in case of outages on their electric utility

systems.

Individuals purchasing generators should be aware of the danger of backfeed. Homeowners who have installed these motor-generator sets



should have them inspected for safety. Let's reduce the hazards to linemen when they are busy trying to repair storm damage.

ILLINOIS RURAL ELECTRIC NEWS

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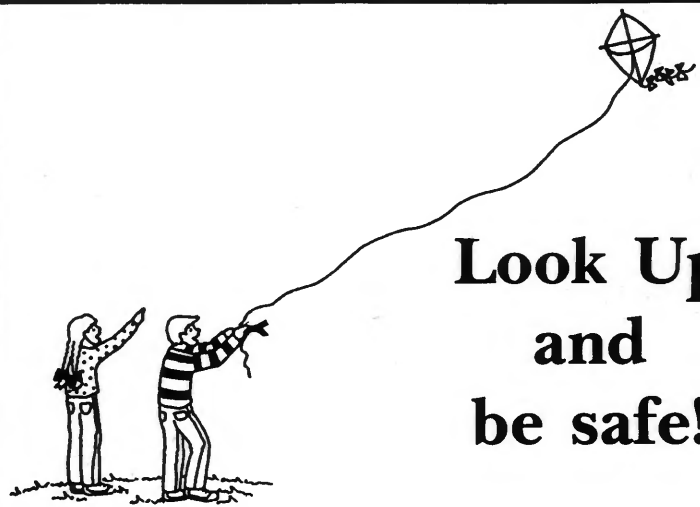
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Block, Bergland discuss threats to American agriculture

American agriculture is constantly threatened by worldwide political and economic forces, according to two former Secretaries of Agriculture, John Block, president of the National Association of Wholesale Grocers, and Bob Bergland, executive vice president of the National Rural Electric Cooperative Association. The two leaders, at a meeting with the organization Women in Government Relations, discussed the current status of American agriculture.

Bergland said that if American agriculture is to become a stronger industry in the future, the federal government will have to play an essential role. He said land will have to be treated as a national resource, with certain wetlands and tree-growing areas restored. It is "a matter of will versus economics" that will help revive American agriculture, Bergland said. The country must focus on long term solutions, including creating a national jobs program and teaching farmers how to market their products better, according to Bergland.

They said American agriculture is used as a political weapon and our agricultural policy is based on favoritism towards certain countries. "This policy creates barriers and distrust. We cannot have favoritism," Bergland said.



Look Up and be safe!

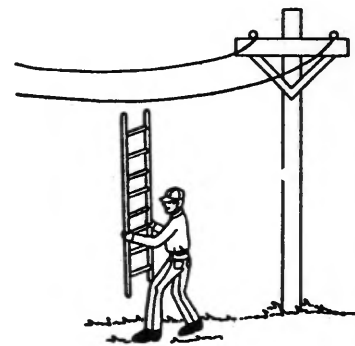
This time of year, with spring-like weather on the way, most people are outside enjoying the nice days ... cleaning up, making home improvements, or getting into the fields.

Whatever takes you outdoors this spring, remember to look up and be safe! Overhead electric lines can be deadly!

If you're operating tall farm equipment, such as an auger, watch out for anything that might contact an overhead line.

If you're using a ladder to work on a roof, clean out the gutters or make spring repairs, be extremely careful near the power lines.

Your member-owned electric cooperative wants you to be safe around power lines. Electricity is a wonderful, often taken for granted, servant. Remember not to take those overhead lines for granted ... they can be deadly!



Order Today For Spring Planting

Alpine Nursery is now accepting orders for spring delivery on our most popular varieties of **container-grown seedlings**: Colorado Blue Spruce, French Blue Scotch Pine and Ponderosa Pine.

These seedlings are all healthy, dormant evergreens from Montana's leading containerized seedling nursery. All seedlings are 6 to 12 inches tall and ready for planting. So plan for your spring planting now for home beautification, Christmas trees, woodlot regeneration, or to protect your home from nature's windy chills in winter and blistering heat in summer.



THESE ARE NOT BARE ROOT STOCK. All orders are shipped UPS prepaid on a special schedule so the seedlings are not stored over the weekend, and they arrive at your door fresh—ready to plant.

ORDER FORM

- 10 trees at \$11.60
- 20 trees at \$21.75
- 50 trees at \$44.60
- 100 trees at \$74.50
- 200 trees at \$129.95
- 250 trees at \$154.00
- 500 trees at \$250.00
- 1,000 trees at \$375.00

Specify Tree Type _____

Delivery Date Required _____

Please send a copy of your free catalog

Name _____

Address _____

City _____

State _____ Zip _____

Telephone Number _____

Check or M.O. Visa MasterCard

Credit Card No. _____

Exp. Date _____

Signature _____

Phone Orders Accepted



Alpine Nursery

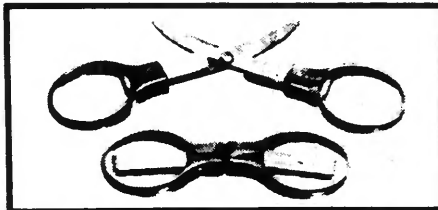
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DELUXE FOLDING SCISSORS 79¢

An open & shut case of convenience. Quality steel blades. cushioned plastic handles. ingeniously engineered to fold to absolutely safe 3" size to slip easily into pocket, purse, sewing kit, first aid kit, glove compartment, tackle box, etc. Great for in-store coupon clipping. Vinyl case included. A great value at only 79¢ Pr. 2 Pr. \$1.50 6 Pr. \$4.25 1 Dz \$7.95 ppd. Fund Raisers write for quantity prices. Money-back guarantee. PIs. allow up to 6 weeks for delivery.

TWO BROTHERS, INC. Dept. FS-734
1602 Locust St. St. Louis, MO 63103

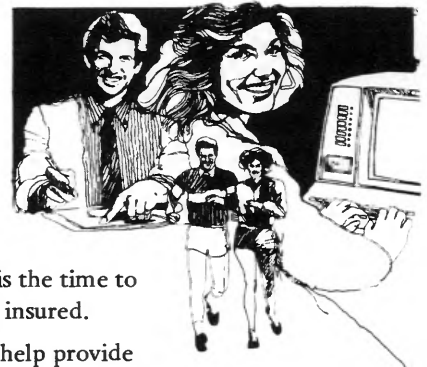
NO NEED TO WEAR A TRUSS

THAT BINDS, CUTS, GOUGES, SLIPS

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

Healthy, Wealthy and Wise!

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



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

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

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

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

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

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

Illinois Rural Electric Cooperative Insurance Plan
Mutual of Omaha Insurance Company
Mutual of Omaha Plaza, Omaha, NE 68131

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

- Income Protection Hospital Life
- Mutual Care Cancer Major Medical

Name _____

Address _____

City _____ ZIP _____

Phone _____

Name of Co-op _____

Mutual of Omaha
People you can count on...

Life Insurance Affiliate:
United of Omaha

Mutual of Omaha
Insurance Company

Home Office:
Omaha, Nebraska

■ **Your Protection Can't Be Cancelled Or Your Rate Increased Individually.** The only way your rate can ever change is if the identical change is made for all RE members insured under this group plan.

■ **Money-Back Guarantee.** If you are not satisfied with this plan (C400 Series) for any reason, simply return your certificate within 30 days for a full and prompt refund.

Your Extra Bonus!
Up To \$10,000.00 Accidental Death And Dismemberment Protection

This valuable accident protection is provided to RE members at no extra cost. It pays you the following cash benefits for any covered accident that occurs after your coverage is in force.

For loss of life, two limbs or both eyes

For You	For Your Spouse	For Each Child
\$10,000	\$10,000	\$2,000

For loss of one limb or eye

For You	For Your Spouse	For Each Child
\$5,000	\$5,000	\$1,000

Your Certificate Will Arrive In This Handsome Document Holder



It's yours to keep even if you decide not to continue your protection.

Mail your guaranteed acceptance form right away — no salesman will call

Choose The Plan And Benefit Option That's Right For You
 With these plans you can insure family members at a greater savings than buying separate policies.



Individual Plan
 Ideal for the single person . . . or for individual family members.

Husband-Wife Plan
 Designed for the married couple without children, or whose children are grown. Pays full benefits for both of you.



All-Family Plan
 Offers protection for the whole family—father, mother and all eligible children. Pays full benefits for all.

One-Parent Family Plan
 Created for the special needs of the single parent. Covers you and all your eligible children with full benefits for all.



Your First Month's Premium Is Only \$1.00! Then Continue At The Low Group Rates Shown Below:

A \$2,400.00 a month \$80.00 a day

	MONTHLY PREMIUM	
	Under 60	60 & Over
Individual Plan	\$23.45	\$35.95
Husband-Wife Plan	46.25	71.25
All-Family Plan	54.45	79.45
One-Parent Family Plan	31.65	44.15

B \$1,500.00 a month \$50.00 a day

	MONTHLY PREMIUM	
	Under 60	60 & Over
Individual Plan	\$15.35	\$23.35
Husband-Wife Plan	29.75	45.75
All-Family Plan	34.95	50.95
One-Parent Family Plan	20.55	28.55

NOTE: Your renewal rate does not increase and your benefits do not decrease as you move from one age group to another.

SAVE OVER 8%. When your certificate arrives, you'll be given the opportunity to save over 8% by paying your premiums once a year instead of every month. That's like getting one month of protection FREE!

Questions? Call your NRECA Service Representative Toll Free 1-800-235-7732 8 a.m. to 8 p.m., Central Time, Monday through Friday.

Enroll today! Complete your guaranteed acceptance form and mail with \$1.00 to: Physicians Mutual Insurance Company, 42nd & Dodge Street, P.O. Box 3313, Omaha, Nebraska 68172.

(cut on dotted line)



MEMBER GROUP HOSPITAL PLAN—GUARANTEED ACCEPTANCE FORM (Please Print)

NAME _____
 First Middle Initial Last

ADDRESS _____
 Street Apt. No. City State Zip

PHONE NO. (_____) _____ **SEX** (check one) Male Female
 (for customer service only)

DATE OF BIRTH _____ **AGE** _____
 Month Day Year

<p>Choose the Plan You Want (check one)</p> <p><input type="checkbox"/> Individual Plan 4 <input type="checkbox"/> All-Family Plan 1</p> <p><input type="checkbox"/> Husband-Wife Plan 3 <input type="checkbox"/> One-Parent Plan 2</p>	<p>Select Option You Prefer (check one)</p> <p><input type="checkbox"/> OPTION A—Pays \$80 a day from very first day for sickness or accident. 30327-405</p> <p><input type="checkbox"/> OPTION B—Pays \$50 a day from very first day for sickness or accident. 30327-404</p>
--	--

Information About Your Spouse
 (complete if you choose the Husband-Wife or All-Family Plan)

NAME _____
 First Middle Initial

DATE of BIRTH _____ **SEX** _____
 Month Day Year

I enclose my first month's premium of \$1.00. I understand the certificate is not in force until issued and benefits will not be paid for old health problems unless confinement begins more than one year after the issue date.

SIGNATURE X _____ **DATE** _____
 Insured's Signature SIGN—DO NOT PRINT

Please make check or money order payable to:
 Physicians Mutual 42nd and Dodge P.O. Box 3313 Omaha, Nebraska 68172 405/404-4554



manager's report

by Robert E. Pendell, Manager

watts no

IREN SUPPLEMEN

President's budget still targets a phase-out of REA

In keeping with the annual ritual of trying to dismantle the Rural Electrification Administration, President Reagan has again proposed that the federal lending program be phased out by 1990, a suggestion that traditionally has met with failure in Congress. The 100th Congress will consider the proposal, which comes as part of the President's \$1.024 trillion budget for fiscal year 1988. The budget includes \$50.7 billion for agriculture — a cut of \$5 billion from the current fiscal year.

The budget proposal, released January 5, calls for REA, the U.S. Department of Agriculture (USDA) agency that lends money to the nation's rural electric cooperatives, to receive no allotment for guaranteed loans in 1988 or in any fiscal year after that for rural electric cooperatives. In a new twist to the Administration's repeated attempts to destroy REA, the budget proposes instead that the lending program be picked up by the private sector, and says that REA will guarantee 70 percent of those private loans, up to \$766 million, if they are made to co-ops with "the greatest financial need." The private

sector guaranteed area slated to increase to \$1.26 billion in 1990 and remain at that level for at least three years.

Rural electric systems serving urban, suburban or recreational areas will not be eligible for the guarantees, even if the urban, suburban or recreational parts of the utility are small or seasonal and other parts are extremely rural. The budget offers no standards for determining what is suburban and what is rural.

The USDA also has asked Congress to rescind \$441 million of the \$813 million authorized for electric co-op loan guarantees for fiscal year 1987, which ends the last day of September.

For "insured loans" from the REA Revolving Fund, the White House wants \$258 million for the electric program in fiscal year 1988, down from the \$622 million in fiscal year 1987. Insured loans would be phased out by 1990. President Reagan also hopes for a \$185 million rescission of funds in the insured loan program for fiscal year 1987.

Until the insured loan program can be phased out under the Administration's plan, the budget proposed that the interest rate on those loans should rise from 5 percent to the cost of Treasury borrowing (currently about 7.5 percent) plus 1.8 percent. The interest rate on hardship loans would be increased from 2 percent to 5 percent. There would be no funding for new power plants.

The REA makes loans from its Revolving Fund for extending elec-

tric and telephone service. Every year, between 250,000 and 500,000 new consumers move onto rural electric lines. The Revolving Fund is a self-sustaining account that replenishes itself with loan repayments. REA also guarantees loans to build power plants and transmission lines. Most guaranteed loans are made by the Federal Financing Bank to build power plants and transmission lines, and are 100 percent guaranteed by REA.

— Rural Electric News Service

Statement of nondiscrimination

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

"Any person who believes himself, or any specific class of individuals, to be subjected by this organization to discrimination prohibited by Title VI of the Act and the Rules and Regulations issued thereunder may, by himself or a representative, file with the Secretary of Agriculture, Washington, D.C. 20250, or the Rural Electrification Administration, Washington, D.C. 20250 or the organization, or all a written complaint. Such complaint must be filed not later than 90 days after the alleged discrimination, or by such later date to which the Secretary of Agriculture of the Rural Electrification Administration extends the time for filing. Identity of complaints will be kept confidential except to the extent necessary to carry out the purpose of the Rules and Regulations."

McDonough Power Cooperative
West Jackson Road, Box 352
Macomb, IL 61455

**Cooperative office
closed Monday,
May 25, 1987.**

**Call 837-1400
if your power
goes off. Have your
location number.**

DIRECTORS

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

McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400****1986: accident-free year**

Nineteen eighty-six was another accident-free year for your Cooperative. An accident-free year means that the employees of the Cooperative worked approximately 45,000 man-hours and traveled 30,000 miles to accomplish their work without a lost-time accident or a vehicle mishap. The type of work that electric cooperatives must accomplish and the fact that much of the work is done at night and during adverse weather conditions makes this achievement even more significant.

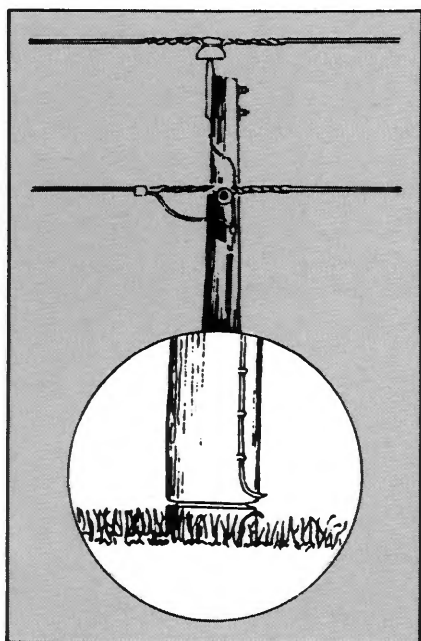
An accident-free year is especially meaningful to us who are associated with the Cooperative, because it means the freedom from the pain and consequences of a serious injury. To you, the member-owners of our Cooperative, it is equally meaningful. Our worker's compensation and other insurance costs are based on our safety record, and an accident-free year helps to hold these costs down. Whenever an employee is injured and must be off work, or a vehicle is out of service, there is a loss of productivity and

additional costs.

We hope you can understand the pride that your board of directors, manager and employees take in achieving another accident-free year. We hope you, too, will appreciate our efforts.

Dick Dunsworth, operating supervisor, was presented the 1986 Safety Award by the Association of Illinois Electric Cooperatives at the 42nd annual job training and safety conference held in Springfield March 25-26.

This is the second year in succession McDonough Power has received this recognition.

**Watch for those poles!**

Throughout the last four years, the Cooperative has been testing poles. Approximately 3,000 poles per year have been tested. A high percentage of our poles have external damage caused by farm

machinery, weed mowers or road maintenance. This external damage creates a point for moisture to enter and starts the pole rotting.

We ask that you please be careful when working close to our poles and try not to damage them. Remember that replacing poles is expensive and indirectly reflects in your cost for electricity.

Every year we have several guy wires cut with mowers. If you cut a guy wire, please report it

immediately so it can be repaired. Guy wires are necessary to hold our lines and we realize that they are in inconvenient places at times. If you know where a guy wire is that is hard to see, let us know. We can install a yellow guy guard to improve visibility.

If you accidentally cut a guy wire, be careful in handling the wire. It could come in contact with a transformer or the line and become energized.

Residential lighting checklist

- 1—What lights are being left on when they are not required?
- 2—How many lights are used for reading?
- 3—Could any be replaced by others with lower wattages?
- 4—Are bulbs and fixtures clean?
- 5—Are walls and furnishings of a light color?
- 6—Is furniture placed to take advantage of natural light?
- 7—Are dimmer switches used for lighting flexibility?
- 8—Are timers used to control lighting for security?
- 9—Are there any rooms which would benefit from fluorescent lamps?
- 10—Are long-life bulbs used only in hard-to-reach places?

Member-cooperatives of Southern Illinois Power Cooperative (SIPC) made 1986 a record year for the regional power supplier.

Reporting March 26 to representatives of the three Southern Illinois electric distribution cooperatives that make up SIPC, board president Guy Casper of Cypress and general manager James R. Chapman of Marion said sales to the cooperatives for the year totaled 762,993 megawatt-hours, up 3.7 percent from 1985. Their report came during SIPC's annual meeting, held at the Lake of Egypt headquarters of the power cooperative, which provides bulk electric power for the more than 37,000 farms, homes, factories and businesses served by its three member-cooperatives. SIPC is made up of Egyptian Electric Cooperative Association, Steeleville; Southeastern Illinois Electric Cooperative, Eldorado, and Southern Illinois Electric Cooperative, Dongola.

Casper and Chapman further reported that SIPC purchased 740,986 tons of Southern Illinois coal and carbon for electric generation in 1986,

an increase of 88,609 tons over 1985. However, they said, the cost of fuel per BTU was down from 1985, and average BTU content was up slightly.

"As reported in last year's report," they said, "SIPC has adequate generation facilities, pending any major changes in the environmental issues, to serve our three member distribution cooperatives through the early 1990s."

SIPC continues to reduce its outstanding debt, they said. No new funds were borrowed in 1986, and all construction expenditures and advance payments were secured from margins, they said.

"Presently we are reviewing our options to secure refinancing of our Federal Financing Bank debt and of discounting our Rural Electrification Administration insured loans," Casper and Chapman said. They added that rules and regulations applying to electric cooperative debt are changing rapidly and that SIPC was hopeful of accomplishing refinancing at lower interest rates in the future.

Secretary-treasurer Harold I. Dycus of Carbondale said operating revenue declined slightly in 1986 from 1985, while total kilowatt-hours sales were climbing. He said non-member sales and power interchanging were significant and helped spread fixed costs and reduce average cost of electric service, benefiting the three member-systems and their consumers. Dycus said expenses were down in 1986 from 1985, citing the decrease in fuel costs as the major reason.

During the business session, 12 representatives (four from each cooperative) of the three cooperatives were elected to the SIPC board for the coming year: (Egyptian) Harold I. Dycus of Carbondale, Archie Hamilton of Ava, Harry W. Kuhn of Steeleville, and Raymond C. Mulholland of Marissa; (Southeastern) Bill Cadle of Marion, Robert Tiberend of Benton, Walter V. Truitt, Jr., of Eldorado and Kenneth R. Webb of Tunnel Hill; and (Southern) Guy Casper of Cypress, George R. Inman of Grand Chain, Timothy W. Reeves of Dongola and Lawrence Wilke of Karnak.

Following the annual meeting, the board met in a reorganizational session and elected officers: Tiberend, president; Dycus, vice president, and Wilke, secretary-treasurer.

SIPC posts record member-system sales



Egyptian directors check annual report materials during meeting. From left are Raymond C. Mulholland of Marissa, W. Dean Bame of Ava, Dale Smith of Cutler and Archie Hamilton of Ava.

was terrified," she relates with a fond chuckle, "Because I was afraid somebody'd steal my little brother. There were times later when I'd wish they had. When we were done visiting, we got back in the wagon and went back."

As she grew up, Maude married Hiram Cammon and they started raising their own family, finally winding up with six children.

Later, Mrs. Cammon remembers being told that she was the only person available to help with what might prove to be a difficult childbirth, and she got ready to go while her dad readied her horse. The expectant mother, her niece, had already had one baby, and it was stillborn or had died shortly after birth.

"When it was time for the next one, they really wanted to be careful, and they wanted the doctor to be there, but he was off somewhere else.

"He'd given me some advice, just in case," Maude remembers, "and when we got the word, I got on my mare and

simply because it was too expensive to send them on to college. Cliff takes up the story from there: "My older brother, Loren, wanted to go to college and Mom and Dad told him he couldn't, because they didn't have the money. He had a fine little horse — a beautiful riding mare that he just loved. He said, "Dad, if you'll send me to college, I'll let you have that little riding mare," so they sent him. He graduated in 1934, just a year before I got out of high school."

Even at that time, there was no electricity in the countryside. "We kept butter and meat and cream cool by lowering them into the well," Mrs. Cammon says, "and of course there was no indoor plumbing. We heated our irons on the stove and lighted the house with lamps."

Before long, there was talk of electricity, and Cliff and his new wife, Stella, were about as ready for it as anybody. "As they started stringing the lines and it looked like there'd really be electricity out in the countryside eventually, and everybody started having their houses wired so they'd be ready when they finally threw the switch."

Some were more ready than others, however, he notes. "They started selling refrigerators by the carload," Cliff says, "and they'd just tell you, "The refrigerators are coming. Be at the railroad station to pick them up at 4 p.m. Saturday," and you were on your own. They didn't deliver them and set them up for you. I bought one right away, but Dad refused to. He didn't want to spend the money until he actually had electricity in the house. He always was kind of conservative."

The dad was able to defer the purchase for quite a while, as it turned out. "When World War II started," Cliff relates, "I had to go into the service, and they quit building the lines. Dad asked if it'd be okay if he borrowed the refrigerator I'd already bought, so I told him to go ahead. I was in the service for 44 months, and everything was ready to go when I got back."

Soon, though, the initial job was well on the way toward completion, and Maude Cammon, who has seen farming go from horses and mules to tractors and covered wagon travel give way to cars and jets, was able to retire the old sad irons and pull the meat and cream bucket up out of the well for the last time.

"We kept butter and meat and cream cool by lowering them into the well."

back

galloped off into the night. I tell you, that mare was ready for a ride and so was I. Dad told me later that he'd stood at the gate 'til he couldn't hear my horse's hooves any more, and he'd gone back into the house to wait."

As it turned out, the baby had arrived as she'd ridden up, and she helped with all the little medical chores that need to be done at a time like that and had the baby — a girl — cleaned and dressed long before the doctor finally arrived. As Mrs. Cammon recalls, that was about 55 years ago. "I haven't had a better horseback ride before or since," she says, still with a touch of enthusiasm.

As their children started growing, the Cammons made a move into a different house, one of four Maude has lived in during her lifetime. All were within three miles of where she was born. About 70 years ago, they moved for the last time — into the house she lives in now.

The Cammons had pretty well accepted the fact that their kids would finish their education with high school,



manager's report

by Robert E. Pendell, Manager

Watts no

IREN SUPPLEMEN

Nominating committee will meet July 6

Members of the 1987 nominating committee have been appointed by the McDonough Power Cooperative's board of directors. The committee will meet at the Holiday Inn, Macomb, Monday, July 6, at 7 p.m. to nominate candidates for election to the board of directors at the 1987 annual meeting of members to be held September 1, 1987, at the Fellheimer Auditorium.

Appointments to the committee are as follows:

District 1 (composed of the west half of Scotland Township and east half of Chalmers Township in McDonough County): Walker Robb, 1318 Rebecca Lane, 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): Duane Hood, R. 1, Industry.

District 3 (composed of all of Hire, Tennessee, Colchester and the west half of Chalmers townships in McDonough County and parts of Fountain Green and Hancock townships in Hancock County):

Charles Seavers, R. 1, Tennessee.

District 4 (composed of all of Blandinsville, Sciota and Emmett townships in McDonough County): Robert Synovitz, 20 Hickory Bow, Macomb, and John E. Hallwas, 8 Hickory Bow, 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): Carroll Hensley, R. 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): Tony Keimig and Keith Ellis, Good Hope.

District 7 (composed of all of Raritan, Point Pleasant, Swan Creek, Greenbush and Media townships in McDonough County): Roy Bycroft, R. 1, Roseville.

District 8 (composed of all of Biggsville, Tompkins, Ellison, Roseville, Lenox, Monmouth and Spring Grove townships in Warren County): William H. Underwood,

Cameron.

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, Cameron and Duff O. Shephard, Monmouth.

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

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

McDonough County 4-H and Junior Fair

July 14-16, 1987

Tuesday, July 14

9 a.m.
1:30 p.m.
2 p.m.
2 p.m.
6 p.m.
6 p.m.
7:30 p.m.

4-H Sheep Judging
4-H Dairy Judging
4-H Goat Judging
Games for Younger Youth
Dog Show
Cat Show
Dress Revue and Trophy
Presentation
T.B.A.

Wednesday, July 15

9 p.m.
2 p.m.
2 p.m.
7 p.m.
9 p.m.

Swine Show
4-H Horse Show
4-H Games
4-H Grooming Contest
4-H Dance

Thursday, July 16

9 a.m.

Beef Show

Office Closing

The Cooperative office will be closed Friday, July 3, in observance of our nation's independence.

**Annual Meeting
September 1, 1987
Fellheimer Auditorium
Macomb**

DIRECTORS

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

McDonough Power Cooperative**MACOMB, ILLINOIS 61455****All Co-op Electric Outages 837-1400****Prepare for Illinois' severe weather**

The weather can dictate outdoor activity planning during the spring and summer months. It is wise to know the weather forecast for the period of time you plan to be outdoors. Whether you are doing field work, picnicking, camping, boating, cycling, swimming or whatever, don't let unexpected weather conditions spoil your outings or endanger your life.

Weather conditions can become dangerous with little warning, especially in Illinois at times of the year. Frequently changing weather conditions can easily catch you by surprise. And, getting wet by a sudden rain shower isn't the worst that can happen. Life-threatening hazards occur during sudden thunderstorms. Be aware of the potential to be the victim of a tornado, high winds, a flash flood, or a lightning bolt.

LIGHTNING

Lightning kills more people in this country each year than tornadoes, hurricanes and floods combined. The reason is alarmingly simple. Lightning occurs in every thunderstorm, no matter how mild or severe. There are 30 or more thunderstorms per year at any given place, with most occurring during the late spring and summer. Still, odds of being struck by lightning are slight. Some common sense precautions can make the odds even smaller.

Five areas where lightning casualties often occur are under trees, in open water, in open fields, at the golf course and while on the telephone.

If you are caught out in the open during a thunderstorm:

Do not take shelter under a tree or other tall object.

Avoid shelter in small isolated sheds in open areas.

Seek shelter in a low-lying area such as a ravine or valley, but be careful of a ditch with a wet bottom — it may provide a better conductor of electricity than the surrounding area.

Keep away from fences, tractors or other metal objects which could attract lightning to your body.

In a forest, seek shelter in a low area under a thick grove of small trees.

Get out of and away from open bodies of water.

If you are in a group, spread out. Stay several yards apart so the smallest number will be affected should lightning strike.

Get into a car — it's safer than being in the open should lightning strike.

Indoors, in your home or other large structure, is the safest place to be in a thunderstorm, but stay away from fixtures connected to plumbing or electrical wiring. Stay away from open doors and windows. Don't use the telephone unless it's an emergency. And, be aware of the possibility of fire in case the building is struck by lightning.

TORNADOES AND HIGH WINDS

Wind storms frequently accompany thunderstorms. They are a threat to mobile homes, in particular. Mobile homes that are not properly tied down and anchored are extremely susceptible to wind damage.

Recreational vehicles of all kinds are vulnerable to high winds when driven on the highways. The sudden gusty winds of a thunderstorm can catch a driver off guard and force the vehicle from the roadway.

If you suspect strong winds, which

often pick up dust from fields and roadways, pull off the road and park your vehicle into the wind until the storm passes. Do not remain in the vehicle if shelter is available nearby. Take cover in a building or lie flat in a ravine or ditch to wait out the storm.

Tornadoes that occasionally accompany thunderstorms are most devastating storms.

If you are in a vehicle in the open and see a funnel cloud approaching, leave the area as rapidly as possible. If you cannot escape the path of the tornado, stop and get away from the vehicle. Lie flat in a ravine or ditch and protect your head from flying debris. It is a good idea to take cover whenever you encounter an unusually severe storm. Darkness or heavy rain can obscure a funnel cloud — take cover just in case.

Office building, factories, shopping centers and schools usually have a designated area at which to find shelter in case of a tornado. An interior hallway on the lowest level usually provides the most protection. In your home, the basement usually provides the greatest safety.

FLASH FLOODS

Torrential rains which accompany many thunderstorms can cause flash flooding. This is especially true in urbanized areas with an abundance of pavement. Motorists should avoid being caught in low-lying areas or in underpasses where water accumulates rapidly during a storm. Flash flood waters can stall vehicles and threaten occupants with drowning. On the open highway, cars caught in low areas by flood waters are often swept from the roadway. Do not drive in heavy rain unless you can see clearly ahead.

Light summer fare

PARTY MIX

- 4 cups pecan halves
- 4 cups Corn Chex
- 4 cups Rice Chex
- 3 cups Wheat Chex
- 3 cups Cheerios
- 4 large handfuls thin pretzel sticks
- 2 tablespoons garlic powder
- 1 tablespoon celery salt
- 1 tablespoon seasoned salt
- 3 tablespoons Worcestershire
- 2 1/4 sticks of butter

Melt butter, add seasoning, pour over other ingredients in large pan. Stir until mixed. Bake at 275 to 300 degrees, stirring every 20 to 25 minutes, until pecans taste done which will be approximately 2 hours.

STRAWBERRY SQUARES

- 1 cup flour
- 1/4 cup brown sugar
- 1/2 cup chopped nuts
- 1/2 cup margarine, melted
- 2 egg whites
- 1 cup granulated sugar
- 2 cups sliced fresh strawberries (or a 10 oz. pkg. frozen, partially thawed, and reduce granulated sugar to 2/3 cups)
- 2 tablespoons lemon juice
- 1 cup whipping cream, whipped

Combine first 4 ingredients, spread evenly in shallow baking pan—bake at 350 degrees 20 minutes, stirring frequently. Sprinkle 2/3 of the baked crumbs in a 13x9x2 baking pan. Combine egg whites, sugar, berries and lemon juice in large bowl. With electric mixer beat at high speed to stiff peaks, about 10 minutes. Fold in whipped cream. Spoon over crumbs and top with remaining crumbs. Freeze 6 hours or overnight.

EMMA JEAN'S BRISKET

- 1 well-trimmed brisket
 - 1 4 oz. bottle liquid smoke
 - 1 tablespoon garlic salt
 - 1 tablespoon celery seed
- Pour liquid smoke over brisket and sprinkle on garlic salt and celery seed. Seal tightly in foil and bake at 250 degrees for 8 to 10 hours. Good as is or with your favorite barbecue sauce.

PAPRIKA CHICKEN

- 1 cut-up fryer
 - 1/2 cup flour
 - 1/2 cup cooking oil
 - 2 tablespoons paprika
 - 1 tablespoon garlic powder
 - 1 1/2 teaspoons salt
- Dip chicken in mixture of other ingredients. Bake 1 hour 15 minutes at 325 degrees.

THREE-BEAN SALAD

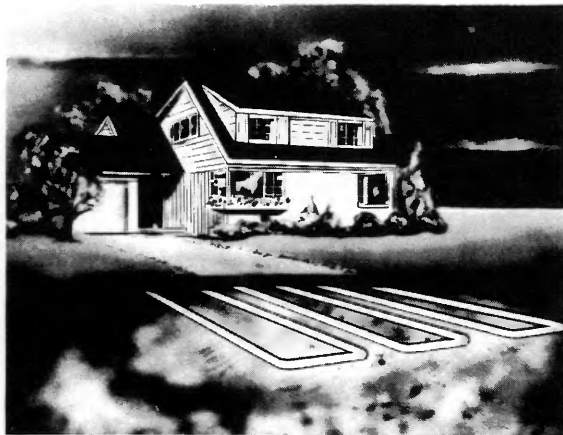
- 1 1-lb. can green beans
 - 1 1-lb. can yellow wax beans
 - 1 1-lb. can red kidney beans
 - 1 large onion
 - 1 large bell pepper
- Drain beans and place in large bowl. Cut onion and bell pepper into rings and add to beans. Mix 1/2 cup of each of salad oil, cider vinegar and sugar. Add 1 teaspoon salt. Pour over bean mixture. Refrigerate, covered, at least 24 hours. Will keep several days.

APPLE SALAD FOR TWO

- 2 med. apples (peel if desired)
 - 1/4 to 1/3 cup raisins
 - 1/4 to 1/3 cup broken pecans
- Cube apples, add raisins and pecans. Sprinkle generously with lemon juice. Stir in a rounded tablespoon of mayonnaise.

WaterFurnace™ SYSTEMS

Now you can get maximum comfort, energy and cost savings from a system designed to use natural energy from the earth. Regardless of the temperature above ground, the WaterFurnace System provides a highly efficient comfort zone from the inexhaustible source below the ground!



HORIZONTAL CLOSED LOOP

WHAT IS A WATERFURNACE SYSTEM?

WaterFurnace is the safest, most energy efficient, pollution free heating and cooling system available.

Basically it looks like a normal furnace, but that's where the similarity ends. Because it burns no fossil fuel, it emits no pollutants, thus, no chimney is required. Therefore it can be installed almost anywhere, in a basement, crawl space, attic or closet.

WaterFurnace is a complete home heating system.

In the summer, select the cooling mode on the thermostat and the WaterFurnace System is your complete home cooling center. WaterFurnace can also supply most of your domestic hot water requirements. Customers report savings up to 60% heating their homes. Cooling cost reductions of 50% are not uncommon.

EARTH COUPLED
HEATING AND COOLING

The
Natural Energy Source

Hanks' Central Sales & Service
Heating & Air Conditioning
Taylorville (217) 287-7014

Fisher Heating & Air Conditioning
Murphysboro (618) 684-3777
or (618) 565-2126 after 5 p.m.

Toennies Service Company
Albers
(618) 248-5130

The Water Shop
Humbolt
(217) 856-2243

Zink's Plumbing & Heating
Robinson
(618) 544-7015

Independent Refrig. & Heating
Monmouth
(309) 734-3354

For dealer in your area:
Contact WaterFurnace of Illinois,
1-800-367-4795
or your local electric cooperative

* Trade Mark of Earth Systems Limited

Your Protection Can't Be Cancelled Or Your Rate Raised Individually
 You cannot be singled out for cancellation.

What's more, the only way your rate can ever change is if the identical change is made for all RE members insured under this group plan.

PLUS! A Special Added Bonus!

Up To \$10,000.00 Accidental Death And Dismemberment Protection

You receive this valuable accident protection at no extra cost! It pays you the following cash benefits for any covered accident that occurs after your coverage is in force.

For loss of life, two limbs or both eyes

For You	For Your Spouse	For Each Child
\$10,000	\$10,000	\$2,000

For loss of one limb or eye

For You	For Your Spouse	For Each Child
\$5,000	\$5,000	\$1,000

Money-Back Guarantee

If you are not 100% satisfied with this plan (C400 Series), we will refund your money—no questions asked. Just return your certificate within 30 days for a full and prompt refund.

Mail your guaranteed acceptance form right away — no salesman will call

Choose The Plan And Benefit Option That's Right For You
 With these plans you can insure family members at a greater savings than buying separate policies.



Individual Plan

Ideal for the single person . . . or for individual family members.

Husband-Wife Plan

Designed for the married couple without children, or whose children are grown. Pays full benefits for both of you.



All-Family Plan

Offers protection for the whole family—father, mother and all eligible children. Pays full benefits for all.



One-Parent Family Plan

Created for the special needs of the single parent. Covers you and all your eligible children with full benefits for all.



Your First Month's Premium Is Only \$1.00! Then Continue At The Low Group Rates Shown Below:

A \$2,400.00 a month \$80.00 a day

	MONTHLY PREMIUM	
	Under 60	60 & Over
Individual Plan	\$23.45	\$35.95
Husband-Wife Plan	46.25	71.25
All-Family Plan	54.45	79.45
One-Parent Family Plan	31.65	44.15

B \$1,500.00 a month \$50.00 a day

	MONTHLY PREMIUM	
	Under 60	60 & Over
Individual Plan	\$15.35	\$23.35
Husband-Wife Plan	29.75	45.75
All-Family Plan	34.95	50.95
One-Parent Family Plan	20.55	28.55

NOTE: Your renewal rate does not increase and your benefits do not decrease as you move from one age group to another.

SAVE OVER 8%. When your certificate arrives, you'll be given the opportunity to save over 8% by paying your premiums once a year instead of every month. That's like getting one month of protection FREE!



Your Certificate Will Arrive In This Handsome Document Holder

It's yours to keep even if you decide not to continue your protection. Compliments of your NRECA and Physicians Mutual

Questions? Call your NRECA Service Representative Toll-Free at Physicians Mutual—1-800-235-7732 8 a.m. to 8 p.m., Central Time, Monday through Friday and on Saturday from 9 a.m. to 1 p.m.



Enroll today! Complete your guaranteed acceptance form and mail with \$1.00 to: Physicians Mutual Insurance Company, 2600 Dodge, P.O. Box 3313, Omaha, Nebraska 68172.



MEMBER GROUP HOSPITAL PLAN—GUARANTEED ACCEPTANCE FORM (Please Print)

NAME _____ First _____ Middle Initial _____ Last _____

ADDRESS _____ Street _____ Apt. No. _____ City _____ State _____ Zip _____

PHONE NO. (_____) _____ SEX (check one) Male Female

DATE OF BIRTH _____ Month _____ Day _____ Year _____ AGE _____

Choose the Plan You Want (check one)

Individual Plan 4 All-Family Plan 1

Husband-Wife Plan 3 One-Parent Plan 2

Select Option You Prefer (check one)

OPTION A—Pays \$80 a day from very first day for sickness or accident. 30223-405

OPTION B—Pays \$50 a day from very first day for sickness or accident. 30223-404

Information About Your Spouse (complete if you choose the Husband-Wife or All-Family Plan)

NAME _____ First _____ Middle Initial _____

DATE OF BIRTH _____ Month _____ Day _____ Year _____ SEX _____

I enclose my first month's premium of \$1.00. I understand the certificate is not in force until issued and benefits will not be paid for old health problems unless confinement begins more than one year after the issue date.

SIGNATURE X _____ Insured's Signature SIGN—DO NOT PRINT _____ DATE _____

E-400 Please make check or money order payable to: Physicians Mutual 2600 Dodge P.O. Box 3313 Omaha, Nebraska 68172 405/404-4660



manager's report

by Robert E. Pendell, Manager

watts ne

IREN SUPPLEMEN

Postdated checks

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

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

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

Please do not send postdated checks to your Cooperative. All

checks are deposited promptly, and if a check is returned by a bank due to being postdated or due to insufficient funds, there will be \$5 additional charges passed on to you. Your payment to take care of the returned check and additional charge, such as payment being past the 17th, must then be made by means other than personal check.

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

Air conditioner care

Members with central air conditioners and air-to-air heat pumps should be certain that the outdoor condenser coils are free from grass or weeds. Also, the coils should be cleaned with a strong blast of air or water. If the condensing coils are clogged, the services of an air conditioning serviceman may be required.

Members who do not use air conditioning for their homes can realize a lot of benefit during hot weather by the use of large, ceiling-mounted, low-speed, paddle fans. These fans are relatively low-priced, easy to install and use very little electricity. Most department stores carry them in a variety of styles.

Please make bill arrangements before vacationing

Before you leave on vacation this summer and plan to be gone during the time your electric bill is due, please make arrangements for paying your bill in advance.

Electric bills are mailed on or about the 4th of each month and net amount is due by the 17th of the month.

Your Cooperative suggests that you make arrangements to pay an estimated bill if you plan to be away. All you need do is contact your

Cooperative office, and billing employees will assist you in planning your payment while you are on vacation.

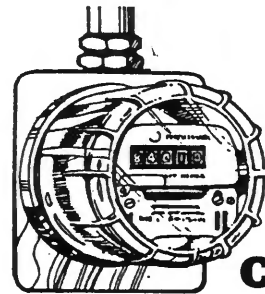
Thank you for your cooperation.

DAY or NIGHT

Remember — Your cooperative emergency service is on call 24 hours per day including Sundays and holidays.

837-1400

Please place all other calls during regular business hours, 8 a.m. to 5 p.m. to 833-2101. Closed on Saturdays.



How to check

farm wiring

Occasionally we have a member who finds he has a ground on his farm wiring system and probably has wasted a considerable number of kilowatt-hours before making the discovery. By using the following procedure, you can check your farm wiring system for grounds.

Turn off **all** appliances, equipment and lights. Be sure to disconnect everything, even the electric clocks.

Check the revolving disc in the electric meter. It may move slowly either forward or backward, but will stop before it makes a full turn, this is normal.

If the disc continues to rotate, electric current is being used. Disconnect, at the fuse box, one circuit at a time. If the meter stops, this indicates that the trouble is in the circuit that was last disconnected. Meters do not run unless electricity is being used.

If the disc still continues to rotate after **all** circuits have been disconnected, this indicates that the trouble is between the meter and the fuse box. Trouble may be in the service entrance cable, trees, windmill frames, or ground wires.

If you are unable to locate the ground, call your electrician.

If your electrician is unable to locate the ground, then contact us at McDonough Power Cooperative.

DIRECTORS

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

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Flush out attic heat

Flushing out summer heat from the attic enables an air conditioner to work better and use less energy.

Temperatures in your attic, without a powered ventilator, often rise to 135 degrees, even 150 degrees, when the sun beats down on the roof.

Attic superheat penetrates through ceilings (even if insulated) into the rooms below and put a big load on your air conditioner.

Power ventilation can reduce this superheat invasion by more than half, according to the National Bureau of Standards.

An air conditioner will run less after installation of a powered attic space ventilator. Before a ventilator is installed, the air conditioning may run all the time on hot days without fully cooling, but with automatic attic ventilation it can run intermittently and cool more effectively.

Obviously, lifting such an energy load with a fan that uses only about the energy of a light bulb (part time) saves significant energy. Exactly

how much depends on various factors of individual housing and living characteristics, but direct field results indicate 10 percent to 30 percent reduction in air-conditioning load.

A powered attic space ventilator draws in outside air and power exhausts hot attic air, providing positive attic ventilation. Action of the fan's thermostat keeps the attic at about outdoor temperatures in hot weather, instead of 30 degrees to 50 degrees higher.

A ventilator typically is placed on the rear slope of the roof, near the peak and centered, with air intakes at the eaves. This reaches all attic space efficiently. If roof location is not practical or desirable, a roof-type ventilator may be installed vertically on the gable sidewall or a gable fan with its own louvers can be used.

A handy homeowner can install a powered attic space ventilator, or your local dealer or contractor can handle the whole job.

Don't take a chance

Taking chances often leads to opportunities. But sometimes you should not take a chance.

Electricity is often referred to as your "silent servant," however, if misused can be your "silent tragedy."

Taking chances around power lines is dangerous. If you are not sure you have sufficient clearance when moving that auger or repositioning the ladder, take time to make adjustments so you can be absolutely sure.

You don't have to make direct contact with the line to be injured.

Simply touching something that is in contact with a power line will be just as harmful.

Downed lines from a storm are not safe to investigate. Just because they are down does not necessarily mean they are not energized.

Parents, you need to caution your children about the massive power that lingers in those lines. Children should be taught to never play around electric lines and to keep such toys as kites away, also.

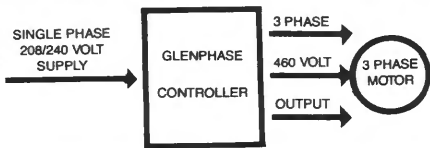
Never underestimate the power inside those wires. With electricity, you should never take a chance.

Annual Meeting time is near



**7:30 p.m.
 Tuesday,
 September 1
 Fellheimer
 Auditorium,
 Macomb**

MORE POWER TO YOU.



GLENPHASE

The Latest Power Technology
Single to Three Phase Controller

Get more horsepower from your single phase service...GLENPHASE provides a balanced 460 Volt 3 Phase output. Models are available up to 20 HP.

Get complete control of starting current and acceleration rate, for a "soft-start" on any motor. A 20 HP motor will draw less than 75 Amp from the single-phase line under starting condition. Add motor speed control, current limit and full torque starting, and you have GLENPHASE, The Complete Controller.

CONTACT YOUR MOTOR DEALER OR GLENSCOTT MOTOR CONTROLS FOR MORE INFORMATION.



1029 W. 35th Street
Davenport,
Iowa 52806

319 386-7655
Dealer Inquiries
Invited

MISSING



PAUL LEONARD BAKER

LAST SEEN: 3/5/87 EYES: Blue
FROM: Beaufort, SC HEIGHT: 3'
DOB: 6/29/83 WEIGHT: 39
WHITE MALE HAIR: Blonde



MARLENA CHILDRESS

LAST SEEN: 4/16/87 EYES: Blue/hazel
FROM: Union City, TN HEIGHT: 4'
DOB: 2/17/83 WEIGHT: 38
WHITE FEMALE HAIR: Light brown

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

1-800-843-5678

(sightings only)

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

-Safety Tip of the Month-

Alert your child to the many tactics used by possible abductors to lure children away with them. Advise them how to respond in these situations. It is best to ignore these dangerous people.

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

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

1-800-222-1464

Rescue Your Dying Septic System NOW!

Just Pour Safe, Easy To Use Powder Into Your Commode and Finally ...

END SEPTIC TANK BACKUP CLOGGING and SMELL

**RESULTS VISIBLE
OVERNIGHT!**

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!

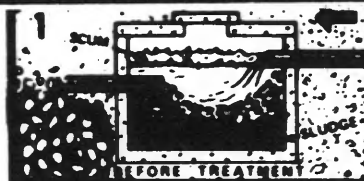
HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM! It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquefies 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 4 routine monthly 4 oz. treatments.

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 of my money back.

**YOU DON'T RISK A PENNY!
Order Now! Money Back Guarantee!**



SOLID WASTE CLOGS PIPES, TANK & DRAINFIELD



SOLIDS DIGESTED AND LIQUIFIED NOW ABSORBED IN OPENED DRAINFIELDS

SEPTIPRO® • P.O. Box 32 • Kasson, MN 55944

- 1 lb. @ \$8.95 plus \$1.00 postage & handling total \$9.95
- 2 lbs. @ \$14.40 plus \$2.00 P & H total 16.40 Save on
- 4 lbs. @ \$21.30 plus \$2.50 P & H total \$23.80 Larger
- 8 lbs. @ \$36.50 plus \$3.00 P & H total \$39.50 Sizes

Charge to my Master Card Visa

Account No. _____
(All digits)

Expiration Date ____-____

Signature _____

Street _____

City _____ State _____ Zip _____

Charge Customers call: 1-800-533-2225

from the earth



Horizontal loop

Vertical loop

terested in learning more about the system or who the dealer in their area is should contact WaterFurnace by calling toll-free 1-800-367-4795 or check the company's ad on page 20 of this issue.

"Keep in mind that energy costs are not the only consideration when deciding on a system. Research has shown that today's consumer also wants a safe heating and cooling system that offers comfort, convenience and control. The WaterFurnace ground-source heat pump is proving that it can meet these criteria in homes and businesses throughout the Midwest," Smith says.

To understand how a ground-source heat pump works, think of the earth as a huge solar collector. In Illinois, the temperature at a depth of six feet will remain relatively constant, usually between 45-55 degrees Fahrenheit. The WaterFurnace heat pump makes efficient use of this natural heat storage capability to heat and cool your home or business. Using the principles of refrigeration, heat is drawn from the ground in the winter, intensified, and pumped into your home. In the summer, a reversing valve turns the process around, allowing you to cool your house and transfer heat to the cooler ground outside. The only energy used is electricity to run the compressor.

By taking advantage of the more constant temperature of the earth rather than relying on the outside air, the ground-source heat pump system is more efficient and more economical than conventional air-to-air heat pumps. For each unit of electricity going into the WaterFurnace heat pump, as much as 3½ units of heat will be delivered. And, as a bonus, the WaterFurnace system uses what is called a desuperheater to provide year-round hot water with no sacrifice of comfort. The desuperheater drastically reduces water heating costs, and during summer months may provide hot water virtually free by diverting heat to the water storage tank before transporting it to the ground outside.

The WaterFurnace system uses polybutylene pipe to circulate a water and antifreeze mixture through the ground in its closed loop. The pipe can be buried horizontally or vertically within the earth with the length of pipe in the loop carefully sized to each consumer's application so that enough heat is absorbed for winter heating and released for summer cooling. The polybutylene material provides a combination of good heat transferring capabilities with strength and should last 50 years.

"We've really been pleased with the way people have responded to our early efforts to make this cost-effective heating and cooling system available."



manager's report

by Robert E. Pendell, Manager

watts news

IREN SUPPLEMENT

Electric Cooperatives

We're here
to serve
you . . .

50th

ANNUAL MEETING

*Attend your cooperative's
Tuesday, September 1, 1987, at Fellheimer
Auditorium Macomb High School, 7:30 P.M.*

**Election of
Directors**

**Report of Of-
ficers &
Manager**

**\$5 will be
credited to
September bill
for registering**

**Drawing for
\$10 credit on
bill**

**Drawing for
VCR**

**\$25 name a
minute drawing
must be pre-
sent to win**

The 1987 McDonough Power Cooperative annual meeting will be held Tuesday, September 1, 1987, at 7:30 p.m. at the Fellheimer Auditorium, Macomb High School, South Johnson Road, Macomb, Illinois.

Your official notice will be mailed approximately August 21, 1987. This notice will list the names of the members nominated for your cooperative board of directors. These nominees were selected by the nominating committee, who met July 6, 1987. Additional nominations may be made by petition or form 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.

There will be a drawing for a VCR at the close of the meeting.

Remember — you must be present and registered to be eligible for the electric energy credit and drawing for the VCR.

There will be proposed amendments to the by-laws of your Cooperative. These are contained in your notice.

McDonough Power Cooperative operates according to an adopted set of by-laws. The by-laws outline the procedures under which the Cooperative serves its members and the responsibilities of its members to the Cooperative. New members receive a copy of the by-laws upon becoming a member. Additional copies are available at the Cooperative's office.

These by-laws are contained in the Member Handbook and By-laws of McDonough Power Cooperative. The handbook contains much information which is valuable to our members.

DIRECTORS

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

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

Meeting of members

Following are excerpts from the by-laws concerning meeting of members.

ARTICLE II Meeting of Members:
Section 1. Annual Meeting. The annual meeting of the 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 fiscal year and transacting such other business as may come before the meeting. It shall be the responsibility of the Board to make adequate plans and preparations for the annual meeting. Failure to hold the annual meeting at the designated time shall not work a forfeiture or dissolution of the Cooperative.

Section 3. Notice of Members' 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 date of the meeting, either personally or by mail, by or at the direction of the Secretary, or upon a default in duty by the Secretary, by the persons calling the meeting, to each member. If mailed, such notice shall be deemed to be delivered when deposited in the United States mail, addressed to the member at his 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. The failure of any member to receive notice of an annual or special meeting of the members shall not invalidate any action which may be taken by the members of any such meeting.

Section 4. Quorum. At least one percent (1%) 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 the presence at a meeting of any of the joint members 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.

Section 5. Voting. Each active member shall be entitled to only one vote upon each matter submitted to a vote of the active members. All questions shall be decided by a vote of a majority of the active members voting thereon in person or by proxy except as otherwise provided by laws, the articles of incorporation or these bylaws.

For elections of Directors each active member shall have one vote per director to be elected but voting shall not be cumulative. The candidate for the director in each district who receives the highest number of votes shall win. In case of a tie, the winner shall be determined by lot.

Section 7. Proxy Voting. At all meetings of active members, an active member may vote by proxy by executing such proxy in writing and

giving such proxy only to another active member. Such proxy shall be filed with the Secretary before or at the time of the meeting. No proxy shall be voted at any meeting of the active members unless it shall designate the name of the active member to whom the proxy is given; designate the particular meeting at which it is to be voted; and no proxy shall be voted at any meeting other than the one so designed or any adjournment of such meeting. No active member shall vote as proxy for more than one (1) active member at any meeting of the active members and no proxy shall be valid after 60 days from the date of its execution. The presence of an active member at a meeting of the active members shall revoke a proxy theretofore executed by such member and such active member shall be entitled to vote at such meeting in the same manner and with the same effect as if such member had not executed a proxy.

In the case of a joint active membership, a proxy may be executed by either of the joint members. The presence of either joint member at a meeting of the active members shall revoke a proxy theretofore executed by either of them and such joint active member or active members shall be entitled to vote at such meeting in the same manner and with the same effect as if a proxy had not been executed.

Section 9. Parliamentary procedure at all meetings of the members shall be governed by the most recent edition of Robert's Rules of Order, except to the extent such procedure is otherwise determined by law or by the Cooperative's certificate of incorporation or bylaws.

MISSING



APRIL ANN COOPER

LAST SEEN: 12/13/86 EYES: Blue
 FROM: Rancho, CA HEIGHT: 4'6"
 DOB: 5/13/79 WEIGHT: 60
 WHITE FEMALE HAIR: Blonde



COREY JAMES EDKIN

LAST SEEN: 10/12/86 EYES: Blue
 FROM: New Columbia, PA HEIGHT: 3'
 DOB: 6/11/84 WEIGHT: 30
 WHITE MALE HAIR: Blonde

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

1-800-843-5678
 (sightings only)

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

-Safety Tip of the Month-

Check your child's route to and from school. Call attention to any dangerous spots such as vacant lots, alleyways, etc. Advise them what to do if a strange person follows or approaches them.

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

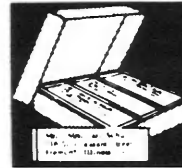
If you want to personally help end this national tragedy, or need additional information, please call:

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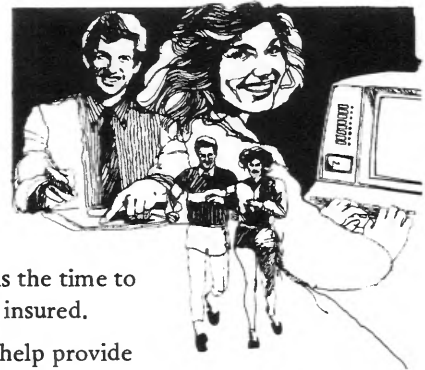


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Healthy, Wealthy and Wise!

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



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

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

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

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

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

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

Illinois Rural Electric Cooperative Insurance Plan
 Mutual of Omaha Insurance Company
 Mutual of Omaha Plaza, Omaha, NE 68131



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

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

- Income Protection Hospital Life
 Mutual Care Cancer Major Medical

Name _____
 Address _____
 City _____ ZIP _____
 Phone _____
 Name of Co-op _____

hazard there.”

Farm grain augers, and many other types of farm equipment, are of such height and length that they can become an excellent path to the ground should a worker fail to recognize the potential danger of an overhead power line. Follow these recommendations:

*Consider any overhead line dangerous. Keep objects at least 10 feet away from power lines.

*In areas where your equipment will be operating, inspect for possible interference with overhead lines.

*Don't attempt to raise or move electric lines; call your power supplier.

*If power lines are buried, let your electric service representative locate them before you dig.

*Report any potential power line hazard to your electric power supplier.

Grain bins are another source of danger. “It only takes 3-4 seconds for a running auger to remove enough grain for a farmer to become helplessly trapped, and an auger can completely bury a farmer in 10-20 seconds. And many accidents involve children who enter a bin to play, or to ‘help’ daddy,” he says.

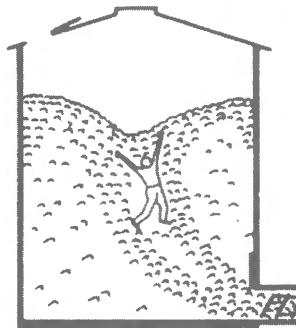
Slow-moving vehicles, often fairly wide, can be a hazard on the highway, Aherin says, and farmers should be especially careful when moving any equipment on the road. Some 200-300 roadway accidents occur every year in Illinois, he says.

“Farm machinery doesn't move well with other traffic,” he says, “especially at dusk or at night. Most accidents occur after 4 p.m.”

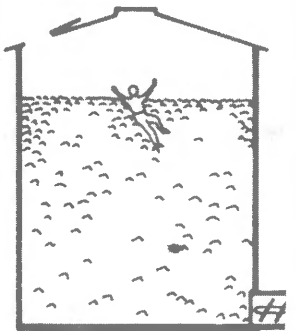
Flashing lights should be on any time equipment is on the road, he says, and a clean, unobstructed, unfaded slow-moving-vehicle (SMV) emblem should be on the vehicle, with the point of the triangle upward, and 2-6 feet above the ground.

While the harvest season is a risky time of year, and harvest-related equipment must be respected, National Farm Safety Week in September is an especially appropriate time to check over the farmstead for hazards.

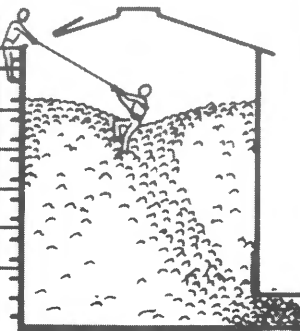
As you look around, check to see that buildings are free of unnecessary accumulations of trash or litter, and see that ladders and stairs are in good condition, and that stairs have sturdy guardrails and are clear of clutter. Make sure rotten or broken floorboards have been



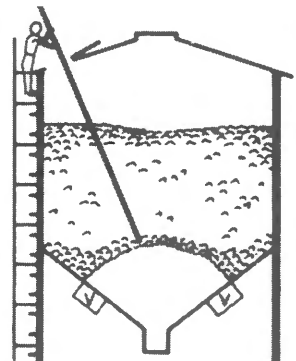
Grains are dangerous as quicksand even when not unloading



Flowing grain sucks you under suddenly when unloading starts.



If you must go into the bin, use a lifeline and have someone there.



Break bridges with a pole. Use vibrators to keep grain flowing.

repaired and that defects in concrete floors have been properly mended, too.

Are ladder openings and hay chutes protected with cages or railings? They should be — for safety's sake.

Be sure passageways are clear of tools, buckets, slippery substances, and be sure they're properly lighted — and that overhead obstructions are marked.

Be sure hazardous materials are in their own separate place, and that light fixtures there are protected against breakage, with a cage to protect them. Be sure the wiring to such fixtures is in good shape, and the rest of the wiring, too, for that matter. Be sure that electrical switches that operate power equipment can be locked in the “off” position.

Be sure power cords for all your portable equipment are in good shape, and make a note to replace those that aren't — before you need to use the equipment again.

Look around your shop to see that it's as safe as you can make it. Make sure all electrical outlets are the three-hole grounded type, that all stationary power tools are properly grounded, and that portable power tools are either grounded or double insulated. They should be unplugged when not in use. Make sure, too, that there is enough capacity that you can operate power tools without blowing fuses or tripping circuit breakers. Again, be sure that you can lock out the switches so the tools won't be started accidentally.

Make sure stationary tools such as grinders and saws have their shields in place so they'll be ready if you need them, and keep a fire extinguisher with a rating of at least 5 B:C handy and, if you work with wood, keep a water hose or “A” rated fire extinguisher close by.

See to it that your welding area is well ventilated, and that flammable materials are out of the way. Keep goggles or welding helmet handy. Other personal protective equipment, such as bump cap, filter respirator, gloves, ear muffs and shop apron should be handy, too.

Make it a point to store flammable liquids in UL or FM labeled metal containers, and keep them away from heat sources. And, the shop should be well-lighted, so you won't injure yourself during the harvest season — that time of year when your skills and experience are needed most around the farm.

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

McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400



Manager Robert E. Pendell (right) congratulates new McDonough Power director Stan Prox following his election to the board at the annual meeting September 1. From left are reelected directors Kenneth Moore of Good Hope and Thomas Curtis of Monmouth.

Stable electric rates projected

Officials of McDonough Power Cooperative anticipate relatively constant consumer electric rates throughout the remainder of this century, members were told during the cooperative's 50th annual meeting September 1.

In his report to members attending the meeting at Macomb High School, board president Donovan Lawyer of Industry said wholesale power rates will remain about the same as now, thanks to debt refinan-

cing by McDonough's power supplier, Soyland Power Cooperative. He reported that Soyland has refinanced \$282 million in debt associated with its share of the Clinton Power Station, paying off Federal Financing Bank loans bearing interest rates of more than 11 percent. The variable rate of the new loans will be approximately 6.7 percent, he added.

Manager Robert E. Pendell stressed that there will be no "rate shock"

when the Clinton plant comes on line. "I would like to clear up some misunderstandings, rumors and confusion about your rates. It has been said by those who do not know that when Illinois Power rates go up, it automatically raises your rates because McDonough buys power from IP. That is not true. We buy all our power from Soyland.

"The Illinois Power increases have no impact on the rate your cooperative pays for bulk power or

the rate paid by McDonough members.”

He complimented the board for its control of power costs through the last several years. “When you elected your board of directors, you delegated to them the responsibility to keep your cooperative in a healthy financial position. This has been done,” he emphasized.

Pendell, manager of the cooperative for the past 13 years, announced his plans to retire at the end of this year. Pendell, who will have completed 41 years of service to McDonough Power at the time of his retirement, said, “It has been a pleasure to be part of an idea and organization that has done more to change the face of rural America than anything else in history — rural electrification.”

Three members of the cooperative were elected to the board of directors in voting during the business meeting. Thomas Curtis of Monmouth and Kenneth Moore of Good Hope were reelected to three-year terms, while Stan Prox of Macomb was elected to his first three-year term. Curtis represents District 9; Moore, District 6, and Prox, District 4. Prox replaces James Conley of Macomb, who moved from the cooperative service area and did not seek reelection.

Treasurer Harold Anderson of Roseville said total revenue for the year 1986 was \$5,879,994, down somewhat from the previous year. Wholesale power costs were \$4,235,862, also down from 1985. Net margins and reserves for 1986 totaled \$477,022, Anderson said.

Members also approved bylaw amendments dealing with board meeting procedure and changes required by new state law.



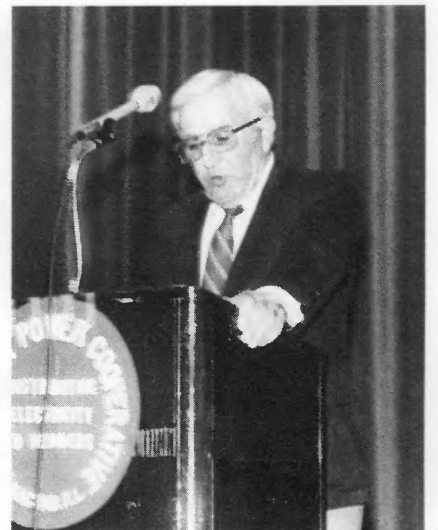
Robert E. Pendell, manager of McDonough Power



Donovan Lawyer, president of the board



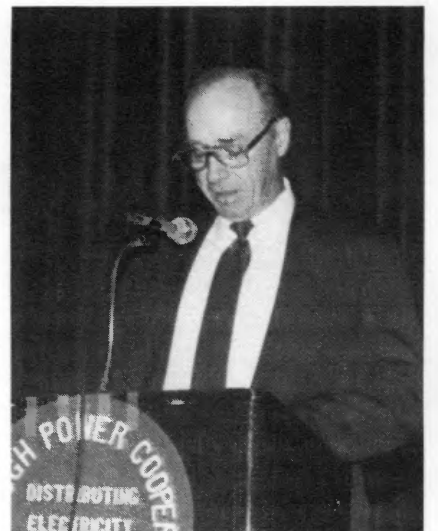
Harold Anderson, treasurer of the board



Keith Ellis, chairman of the nominating committee



Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives



Wade R. Blansett, board secretary, reads the official notice of the annual meeting.



Soyland Power Cooperative officers are, seated, E. H. Williams (left), Decatur, executive vice president and general manager, and Joseph J. Fellin, Waterloo, president. Behind them, from left, are: Kenneth Heinzmann, vice president, Sandoval; Jeff Reeves, secretary-treasurer, Normal; and Lyndall Pigg, assistant secretary, Bushnell.

Rate stability progress for Soyland

Soyland Power Cooperative officials emphasize that the electric generation and transmission cooperative continues to make progress toward long-term electric rate stability.

During Soyland's annual meeting August 13, E. H. Williams, executive vice president and general manager, outlined steps Soyland has taken during the past year to ensure lower, stable electric rates into the mid-1990s. In March, Soyland became the first power

supply cooperative in the U.S. to refinance high-interest federal government loans with lower-interest private financing, saving approximately \$4.2 million on the construction cost of the Clinton Power Station, Williams said. In July, Soyland sold \$274 million in long-term securities on Wall Street, providing additional annual savings of approximately \$4 million.

Williams said that Soyland's wholesale power rates will remain stable

escape route. Now, pretend it's cool — teach everyone to brace their shoulder against the door and open it cautiously. Be ready to slam it if smoke or heat rush in.

Crawl low in smoke when escaping. Since smoke rises in a fire, there's often clean, breathable air close to the floor. Practice this technique with the family.

Make sure children can operate windows, descend a ladder, or lower themselves to the ground. Practice

with them. Lower children to the ground before you exit from the window. They may panic and not follow if you go first.

Get out fast! And don't, under any circumstances, go back into a burning building. Take a head count once you've reached your meeting place.

Know what to do if you can't escape through either of the identified exits. Stay in the room and close windows and doors. Stuff

sheets, towels or clothing into cracks around the door and into vents. If possible, wet the materials. If there's a phone in the room, call the fire department and give them your exact location, even if fire fighters are on the scene. Wave and signal to rescuers.

For more information on minimizing the chance of fire in your home, or on developing and practicing a home fire escape plan, contact your local fire department.

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- Cushion Grip \$2.90 DEL.

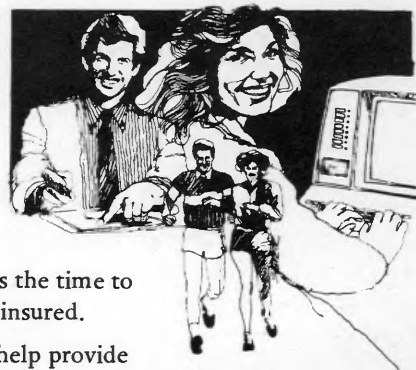


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- Catastrophic Hospital Coverage • Life Insurance
- Basic Hospital Coverage with Maternity Coverage

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

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



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

Illinois Rural Electric Cooperative Insurance Plan
Mutual of Omaha Insurance Company
Mutual of Omaha Plaza, Omaha, NE 68131

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

Income Protection Hospital Life
 Mutual Care Cancer Major Medical

Name _____

Address _____

City _____ ZIP _____

Phone _____

Name of Co-op _____



manager's report

by Robert E. Pendell, Manager

watts ne

IREN SUPPLEMENT

October is Cooperative Month

**"Cooperatives —
owned by those we serve"**

These words are important ones for cooperatives and the consumer-members that they serve. Not surprisingly, "owned by those we serve" is also the motto of McDonough Power Cooperative and the 28 other electric cooperatives in Illinois.

Across the country, more than 40,000 cooperatives provide goods and services to more than 60 million Americans every day. These cooperatives are similar to the ones that you are most familiar with — McDonough Power Cooperative and others in the community.

You know, day in and day out, most people are served by a cooperative in a variety of ways. Across Illinois, in the small country crossroads towns and large cities alike, you are likely to see the influence of cooperatives.

Cooperatives have one primary goal, to meet their members' needs in the most economical and efficient manner possible. They also meet a set of cooperative principles, which are in effect, really just good business practices.

These six principles are the

trademark of cooperatives around the world today:

1. Democratic control, expressed on the basis of one member, one vote.

2. Open membership, indicating that cooperative membership should be open to those who have a reasonable use for the service offered, and must never be denied on grounds of race, religion, sex or national origin.

3. Limited return on investment, eliminating the likelihood of speculation in cooperative stock and emphasizing service rather than profit.

4. Margins are allocated to member-owners in proportion to their use of the cooperative's service.

5. Continuing education, recognizing that cooperative owners will not value and support something they do not understand.

6. Cooperation among cooperatives to stimulate mutual support among the various kinds of user-owned organizations sharing the cooperative purpose.

Like other cooperatives, McDonough Power Cooperative adheres to these principles, and it

has proven successful since the cooperative was organized in 1938. With a \$282,000 loan from the Rural Electrification Administration, McDonough Power founders were able to construct 271 miles of line to serve the first 930 members. From that beginning, the service area of McDonough Power Cooperative has grown to include parts of McDonough, Warren, Knox, Henderson, Fulton, Hancock, and Schuyler counties.

Today, McDonough Power Cooperative is a vital part of its rural service area, with more than 1,380 miles of line serving more than 4,585 consumer-members. The Cooperative has worked for its members every day, non-stop, for the past 49 years and the work goes on — improving services to the members and helping to build the rural economy and lifestyle.

Cooperatives work ... because they meet the needs of their members efficiently and economically, while providing top-notch services at cost.

Cooperatives work ... both yesterday and today.

Cooperatives work ... because they are owned by those we serve.

Name a minute drawing for \$25 to be credited to the September energy bills for those in attendance. *Indicates

*Dorothy Allen
Floyd Allison
Kenneth Anderson
Franklin Archer
John H. Armstrong
John E. Babcock
Chuck Baxter
Roger C. Bice
Wayne Boydston
Kee Brutt
Royal Bryan
Ron Byers

James A. Caldwell
Keith Carson
Richard Clark
Neale A. Cloyd
John F. Connor
Dean E. Corder
Harold Creasey
Ron L. Curtis
J. Ray Danielson
Loreen Davis
Larry Deppe
*Richard Dixon

Robert Dwyer
Cleo Dye
Jerry F. Ford
Ronald P. Fowler
Richard M. Fross
Jim Gallagher
Simon Gingerich
Dwain Gipe
Glennon Griswold
Lenard Haines
Rich Hattwick
Roger Henderson

Robert Hiatt
J. Mac Hobart
Terry Hood
*Milford Hunsley
*John C. Huston
James Irish
Greg James
Merlin James
Edythe O. Johnson
Robert F. Johnson
Daniel Keller
Roger Kepple

Ronald G. Kepple
Mike Kitch
Johnny Kline
Judson F. Kruidenier
George Kruse
M. R. Kruzan
Jeff Lee
Gene Lewis
*Margaret Lewis
Harry Lotz
John W. Lucas
Frank Lupton, Jr.

McGrew Bros.
Daniel E. McMillan
Leo Mahoney
Grant Martin
Archie Mast
Gary Miller
Larry Mitchell
*Glade C. Moore
John H. Mowrey
Thomas Mudaro
Carolyn Murfin
Gene Nelson

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

McDonough Power Cooperative

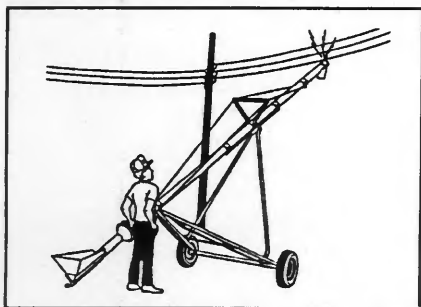
MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Think safety during harvest

Harvest time means bringing increasingly large and sophisticated machines out of their resting places. And, while today's time saving and cost efficient farm machinery gives farmers advantages past generations only dreamed about, safety is an increasing concern — especially around power lines.

Each year, a tragic number of ac-



cidents are caused by less than careful handling of farm equipment around power lines. Your cooperative urges you to watch for overhead power lines and utility poles and avoid contact with this potentially lethal equipment.

Insist that hired hands and family members learn to look over working areas carefully before engaging farm equipment in work activities.

Even if you have no power lines in your crop fields, you certainly have them present in equipment

storage areas and grain storage areas. Be sure paths to those areas are safe routes. There should be ample clearance for combines, pickers, balers, end loaders, augers or any other equipment you are moving around your farm. If there are some questions about whether equipment will clear a power conductor, assume it won't and take measures to avoid contact.

More often than not, power lines follow property lines. You may be lulled into a false sense of security when you are in the middle of your field, not realizing the danger when you reach the end of the field and begin turning your machinery around. There is a very good chance power lines will be near the edge of the field, so always be alert and check for them. Power lines can be hidden by brush or trees, so take precautions to make sure your equipment does not make contact.

Grain augers and bins are often used along property lines, since such placement makes the best use of the land. Again, it is important to see that augers do not come into contact with overhead lines.

Crop storage equipment such as augers, balers and stackers can be extended to exceed electric code

clearances for power lines. When you store hay, alfalfa or baled straw, see that your stacking equipment won't reach the power lines.

Keep in mind other basic safety measures as well during harvesting operations: Check out your equipment before using it ... make sure your helpers are familiar with the equipment they use ... shut off power before unclogging or fixing a machine ... wear appropriate equipment.

One careless moment can cause a tragic accident. Don't let tragedy strike your farm. Make this a safe harvest ... for you and your neighbors.

Patronage refunds

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

Patronage refunds have been paid all members through the year of 1964.

The patronage refund factor for the year of 1986 is .082228 percent. This percentage factor is multiplied times the amount of revenue you paid the cooperative for electricity during the year of 1986. This amount is assignable only on the books of the cooperative for the year. No actual payment would be made as the reserves do not meet the above mentioned percentages at this time.

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

ndance.

John Nickson
 P. J. Nielsen
 Dave Nissen
 Larry O'Flaherty
 Noel D. Oliver
 Sonny C. Oliver
 Madelyn Olson
 Richard Pawlow
 Jesse Pestle
 Charles Pfeiger
 Donald E. Pickens
 Ethel I. Powell

*Stan Prox
 Louise Quick
 Delmar Ranfeld
 Darius Rankin
 Willard Renner
 Larry Rings
 Wilbur C. Roos
 Rebecca L. Root
 Max Ruebush
 C. V. Russell
 John Sargeant
 Gary L. Saunders

Roger Schoaff
 Leon Serven
 *Earl Sims
 John Singleton
 W. Leon Sinnett
 Jon M. Smith
 Duane Sorrells
 Davis J. Soule
 Wallace Soule
 Richard Stegall
 Wayne R. Steward
 Dorothy K. Stoneburger

Carroll Swisher
 Leo D. Taylor
 Keith Thomse
 Cindi Thompson
 William Trotter
 William H. Underwood
 *Kenneth Vancil
 Juanita Waymack
 West Bethel Parsonage
 Harold D. Wilson
 Dan Wolf

MISSING



TAMMY LYNN MACIULIS

LAST SEEN: 7/10/87 EYES: Blue
 FROM: Marinette, WI HEIGHT: 5'1"
 DOB: 12/22/75 WEIGHT: 80
 WHITE FEMALE HAIR: Brown



JENNIFER LEE MARTIN

LAST SEEN: 6/28/87 EYES: Blue
 FROM: Lemmon Valley, NV HEIGHT: 4'6"-4'9"
 DOB: 1/14/76 WEIGHT: 49
 WHITE FEMALE HAIR: Brown

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

1-800-843-5678

(sightings only)

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

-Safety Tip of the Month-

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

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manager's report

by Robert E. Pendell, Manager

Watts News

IREN SUPPLEMEN



Thanksgiving Day

We want to thank each of our members and express our appreciation for your cooperation and understanding throughout the past year. We all have so much for which to be thankful, we should unite in rendering our sincere and humble thanks for the Lord's care and protection of the people of our country and all the great and various favors which have been conferred upon us.

A happy Thanksgiving from directors and employees of McDonough Power Cooperative.

If your power goes off

1. Check all your breakers and fuses, including any breakers below your meter.
2. Check with your neighbors if they have power or have reported an outage.
3. Call 837-1400 — A cooperative representative is on call at all times to take outage calls. Have your location number when you call. This number is on the lower left hand corner of your billing stub.

Fire prevention

The death rate from fires is higher in rural America than anywhere else in the world. But you can help change those grim statistics.

The United States has the world's highest fire death rate — double or triple the rates for Japan and many European countries. Half of all the fire deaths in the United States occur in rural areas.

According to the Fire Administration, factors contributing to the fire danger in rural areas include the fact that fewer rural homes have smoke detectors; there is a greater share of woodburning stoves; homes are farther from the fire department; there tends to be less enforcement of building and fire codes, and rural fire departments have less time and fewer resources to spend on fire prevention.

Rural fire deaths are the fastest growing of all fire fatalities.

If you think there is a fire on the other side of a closed door, you should first feel the door.

In escaping from a room filled with smoke, the safest breathing air is located near the floor.

The best immediate treatment for burns is to apply cool water.

The best way to put out a small grease fire in a pan is to cover the pan with a lid.

A home should have a smoke detector on each floor, especially outside the bedrooms.

A fire escape plan should be planned and reiterated frequently.

Never smoke in bed.

If your clothes catch fire, stop, drop and roll.

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McDonough Power Cooperative

MACOMB, ILLINOIS 61455

All Co-op Electric Outages 837-1400

Turkey in the freezer

How long can you keep a whole turkey or chicken in your freezer? According to the U.S. Department of Agriculture: for about 12 months, provided your freezer is at zero degrees. Fresh chicken pieces will last 9 months in the freezer; turkey pieces, only 6 months. A whole duck or goose will last about 6 months in the freezer. The USDA gets more calls about safety with turkey than about any other food.

One question is: Is it safe to cook a turkey at 250 degrees all night? The answer is ... no. Because of the low temperature, the turkey and stuffing might take more than four hours to reach a high enough

temperature to destroy bacteria and so could be unsafe to eat. Also, long cooking at 250 degrees could cause some parts of the turkey to become very dry.

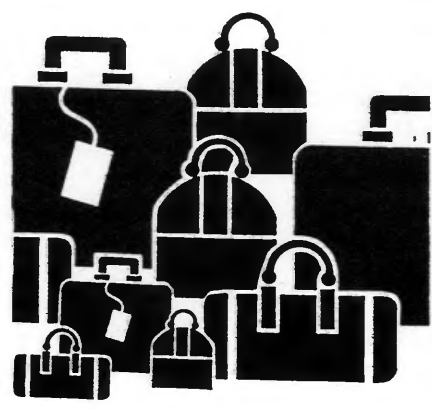
Another question is: Can a fresh turkey be stuffed the day before it's cooked? Again, no. Turkey should be stuffed only right before cooking. If you stuff the bird the day before, bacteria can multiply in the stuffing and cause food poisoning. You can prepare the dry stuffing ingredients the day before, cover them tightly, and leave them at room temperature. But the perishable ingredients — butter or margarine, mushrooms, oysters,

cooked celery, onions and broth — you should keep in the refrigerator. Combine the ingredients just before stuffing the turkey. Another popular question is: Is it safe to roast a turkey in a brown paper bag? The USDA does not recommend using ordinary brown bags for roasting. First off, they may not be sanitary. Also, the glue and ink used on brown bags have not been approved for use as cooking materials and may give off unhealthy fumes. Finally, as the turkey cooks, the juices may saturate the bag, causing it to break during cooking.

Board of directors reorganizes

At the regular board meeting held September 22, 1987, Tom Curtis of Monmouth was elected president to replace outgoing president Donovan Lawyer of Industry. Bill Pollock of Colchester was named vice president, Kenneth Moore of Good Hope is secretary, and Harold Anderson of Roseville was reelected treasurer. Moore had previously served as vice president and Wade Blansett of Macomb previously served as secretary.

Stan Prox of Macomb was welcomed to the board of directors. He was elected to a three-year term at the annual meeting September 1, 1987. He succeeds James L. Conley, who has moved from Macomb to accept a new position in Colorado.



Vacationing

If you are going to get away from the snow, ice and cold winds by going south, please do not forget to let the Cooperative know how you wish to arrange for your electrical bills while you are away.

We have many retired members who enjoy getting away from cold Illinois during the winter. There are several ways you can arrange to pay your bill, whichever way is the most convenient for the member.

When cutting trees

Cutting trees through power lines happens much too often, and the usual remark given us is, "I didn't know the line was there." In fact, this is one of the most frequent causes of wintertime service outages.

It is conceivable that felling a tree is so simple that no one looks about to ascertain all possible dangers or mishaps?

We point out that looking up for power lines is an important practice before starting the saw. When in doubt, contact your rural electric for advice on how to handle a tree which could strike our lines.

Office closing

The cooperative office will be closed Thursday, November 26, 1987, in observance of Thanksgiving.



Lucille Lawler with her husband of 55 years, James. Both are from St. Patrick, a small Irish community just east of Ridgway. With her are copies of the three books she has written. A fourth, an ambitious history, is in the works.

Mother of the Year

“It helps a lot to pick good, sturdy parents.”

Lucille Lawler, “1987 Illinois Mother of the Year,” is a woman whose pep equals her charm and that’s saying something, since she just turned 79.

“People ask me how I have so much pep at my age,” she quips, “and I tell ‘em that it helps a lot to pick good, sturdy parents. I also walk two miles a day and try to eat right.”

And it’s just as well, because she needs to have plenty of energy. Four years into her fourth quarter-century, she’s still writing histories, teaching, taking classes, serving on boards, writing newspaper columns — with her new word processor, no less — and painting, among other things.

The member of Southeastern Illinois Electric Cooperative notes that, generally, her life has been divided into 25-year segments. “I was born in St. Patrick, a

small Irish community a few miles east of Ridgway,” she says, “and I was one of a family of nine. I went to an old one-room school, where you could advance at your own pace. I started high school when I was 11, and was finished at 15.”

She was a little young to go into teaching, as young women often did then, but she did get started later.

She married 55 years ago, at 24. Jim Lawler, also of St. Patrick, became her husband. Her roots in the area date back to the potato famine in Ireland.

“My second 25 years was given over to raising my family,” she says, “and we had four boys and two girls. Besides giving them a good Christian upbringing, we wanted to be sure they all got to college, and they did. Their children, Father Joseph Lawler, Mary Ellen, Patrick, Raymond, William and Lucy, all

Peoria

Peoria Citizens Committee for Economic Opportunity

711 W. McBean

Peoria, IL 61605 309/671-3900

Henry, Mercer and Rock Island

Project NOW

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Rock Island, IL 61201 309/793-6369

Sangamon

Sangamon County Dept. of Community Resources

725 North Grand Ave. East

Springfield, IL 62702 217/525-2896

Alexander, Hardin, Johnson, Massac, Pope, Pulaski and Union

Shawnee Development Council, Inc.

School Street, P.O. Box 298

Karnak, IL 62956 618/634-2281

St. Clair

St. Clair County

Intergovernmental Grants Dept.

512 E. Main St.

Belleville, IL 62220 618/277-6790, ext. 300

Bureau, Carroll, LaSalle, Lee, Ogle, Marshall, Putnam, Stark, and Whiteside

Tri-County Opportunities Council

405 Emmons Ave., P.O. Box 610

Rock Falls, IL 61071 815/625-7830

Tazewell and Woodford

Tri-County Regional Planning Commission

635 W. Jefferson St.

Morton, IL 61550-1540 309/694-4391

Adams, Brown, Pike and Schuyler

Two Rivers Regional Council of Public Officials

Franklin Square, 4th and State Streets

Quincy, IL 62301-4188 217/224-8171

Champaign

Urban League of Champaign County

17 Taylor St.

Champaign, IL 61820 217/356-1364

Franklin, Jefferson and Williamson

Volunteer Services

Regional State Office Building

2309 W. Main St.

Marion, IL 62959 618/997-4371 ext. 270

Edwards, Gallatin, Hamilton, Saline, Wabash, Wayne and White

Wabash Area Development, Inc.

100 Latham, Box K

Enfield, IL 62835 618/963-2387

Jackson, Monroe, Perry and Randolph

Western Egyptian Economic Opportunity Council

1 Industrial Park, P.O. Box 7

Steeleville, IL 62288 618/965-9031

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manager's report

by Robert E. Pendell, Manager

watts n

IREN SUPPLEMEN

Cooperative members may be eligible for energy conservation grants

Are you planning home weatherization improvements or replacing a heating and cooling system this year but lack the cash to get started? You might be eligible for a home weatherization and energy conservation grant from the State of Illinois.

Electric cooperative members who qualify may obtain up to \$1,500 from the Illinois Department of Energy and Natural Resources (ENR) for a variety of home energy use improvements to their homes. The program will fund projects that will result in long-term home energy savings. The funding is available through the Rural Home Energy Program, approved by the Illinois General Assembly last spring. Approximately \$1.5 million is available through this program to qualifying electric cooperative members. Approximately \$35,000 of the \$1.5 million available statewide has been allocated as grant funds to qualifying McDonough Power members.

WHO QUALIFIES?

Any electric cooperative member with household income 80 percent or less of the cooperative service area's median income is eligible for a grant of up to \$1,500. This is a total grant, without any matching funds required by the applicant.

A member whose household income is 80 to 120 percent of the area's median income is eligible for a grant of up to \$1,000. This is a 50 percent matching grant, with the consumer-member paying 50 percent of the project's cost.

A detailed list of median incomes for the cooperative service area is shown below.

WHAT KIND OF ENERGY CONSERVATION PROJECTS QUALIFY?

Any project that will improve energy efficiency in the home is eligible. Some examples include:

- * Caulking and weather stripping
- * Furnace efficiency modifications
- * Replacement furnaces or boilers with annual fuel utilization efficiency (AFUE) greater than 90 percent
- * Furnace replacement burner (oil)
- * Intermittent pilot ignition devices
- * Replacement air conditioner with a seasonal energy efficiency ratio (SEER) of greater than 8.6
- * Wall, ceiling, floor, pipe, duct or water heater insulation
- * Storm windows or doors, and thermal windows or doors
- * Electric load management systems
- * Solar domestic water heaters
- * Replacement water heater that meets or exceeds current ASHRAE 90 efficiency standards

Other energy conservation projects may be eligible for the state grant funds, but such projects must be approved by the Illinois Department of Energy and Natural Resources (ENR).

To apply for a Rural Home Energy Program grant or for more information, contact the Cooperative or ENR. Before being considered for the grant, par-

ticipants must have an energy audit completed on their home and have a written bid from a contractor for proposed projects. These bids must contain model numbers and efficiency ratings for heating or cooling systems, and cost estimates.

Applications must be submitted to the Cooperative. The Cooperative reviews the application, it will be forwarded to the ENR for final review and approval. ENR has the final decision on all Rural Home Energy Program applications.

Once an application is approved, a check is prepared payable to the consumer-member and the Cooperative. The Cooperative will then endorse the check and present it to the member for payment. The Cooperative may inspect the completed work, and each approved applicant must also certify that the installation of materials or equipment funded through the grant program is complete.

For additional information, contact the Cooperative or the Illinois Department of Energy and Natural Resources at 1-800-252-8955.

OIL COMPANY OVERCHARGES MAKE WEATHERIZATION PROGRAM POSSIBLE

State funding for the Rural Home Energy Program comes from the state's Petroleum Violation Fund (PVF). This fund came from penalties assessed by the federal government against oil companies for overcharges. Illinois received about \$100 million from the federal

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government as its share of the money returned to states.

These funds were earmarked for weatherization and energy conservation, but earlier legislation failed to provide funds specifically for rural residents. Legislation establishing the Rural Home Energy Program — sponsored by Sen. Glenn Poshard (D-Carterville) — tagged \$1.7 million of the fund specifically for low- and moderate-income consumers served by electric cooperatives.

“Two years ago, we learned that Illinois was to get \$100 million, and the money was earmarked for a

number of things, including weatherization and energy conservation measures,” Poshard said.

“It seemed to be that rural homes needed as much help as town people’s homes do. And rural people had been overcharged, right along with the people in town. They deserved a refund, too.”

With that in mind, Poshard and several other downstate legislators introduced the Rural Revival Bill in 1986 and included a provision for the Rural Home Energy Program. The bill was approved by the General Assembly this spring and signed by Gov. James Thompson in

July.

“This is a very good piece of legislation because it helps those rural people who need it every bit as badly as the neighboring townspeople,” Poshard added.

Electric cooperative leaders strongly supported the legislation calling the General Assembly’s attention to rural economic conditions and the absence of such a program for electric cooperative consumer-members.

Electric cooperatives are working closely with the Illinois Department of Energy and Natural Resources to make the program a success.

Income guidelines for McDonough Power Cooperative

Family Size:	1	2	3	4	5	6
Total Family Income:	\$14,175	\$16,200	\$18,238	\$20,250	\$21,525	\$22,775

100% Subsidy up to \$1,500

If the applicant’s family income is less than the figure listed above he/she is less than 80% of the median income for this service area. Therefore, the family is eligible for a grant up to \$1,500 for energy conservation measures in their home. The applicant will not be required to provide any matching funds.

Family Size:	1	2	3	4	5	6
Total Family Income:	\$14,175- 21,263	\$16,200- 24,300	\$18,238- 27,356	\$20,250- 30,375	\$21,525- 32,288	\$22,775- 34,163

50% Subsidy up to \$1,000

If the applicant’s family income is between the two figures listed above he/she is eligible for a grant of 50% of the cost of eligible conservation measures up to a total of \$1,000.

Electric heat rebate to be paid on May bill

An Electric Heat Rebate will be paid to qualifying members of McDonough Power Cooperative on the May 1988 bill.

Members with electric heat in January, February and March of 1987 who signed up and qualified were credited the rebate on their May 1987 bill.

If you did not sign up for the 1987 rebate, please contact the Cooperative office. There were ap-

proximately 400 members who received the rebate in May of 1987.

If you have moved onto the Cooperative lines and will be using electric heat in January, February and March, 1988, please get in touch with the Cooperative office. No credit can be issued unless a signed card is on file. No credit can be allowed unless heating system has been verified by Cooperative personnel. Members eligible for this

electric heat rebate are those who are using electric heat as their primary source of heat.

Holiday Greetings

**Merry Christmas and
Happy New Year to
members of McDonough
Power Cooperative.**

Holiday treats

YOGI BALLS

- 2 eggs
- 1 cup sugar
- 1 tablespoon butter
- 1 8 oz. pkg. dates, chopped fine
- 2 cups Rice Krispies
- 1/2 cup chopped nuts
- 1 teaspoon vanilla
- 1 cup coconut

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.

GLADYS' DATE PINWHEEL COOKIES

- 1/2 cup butter
- 1/2 cup brown sugar
- 1/2 cup granulated sugar
- 1 egg
- 2 cups flour
- 1/2 teaspoon baking soda
- 1/4 teaspoon salt
- 2/3 cup water
- Dash of salt

Mix and chill for 30 minutes. Make filling out of the following:

- 1/2 lb. or 1 cup chopped dates
- 1/4 cup sugar
- 1/4 cup chopped pecans

Bring to a boil for 5 minutes over low heat. Roll out dough and spread with filling. Roll up and slice between 1/8-inch and 1/4-inch thick. Bake for 10 to 12 minutes at 350 degrees.

HERSHEY'S CHOCOLATE PIE

Beat 2 egg whites, 1 teaspoon vinegar, 1/4 teaspoon cinnamon and 1/4 teaspoon salt until stiff but not dry. Gradually add 1/2 cup sugar and beat until very stiff. Spread over bottom and sides of a 9-inch baked pie shell. Bake at 325 degrees for 15 to 18 minutes. Cool. Melt 6 oz. package of semi-sweet chocolate chips over hot water. Blend 2 egg yolks which have been beaten with 1/4 cup cold water. Stir until smooth. Spread 4 tablespoons of the mixture over cooled meringue. Chill the rest. Whip 1 cup whipping cream until stiff, add 1/4 cup sugar and 1/4 teaspoon cinnamon. Spread half of the mixture over the chocolate layer in pie shell. Fold chilled chocolate mix into remaining whipped cream. Spread over center of pie. Chill 4 hours before serving.

TEXAS RANGER COOKIES

- 1 cup shortening
- 1 cup white sugar
- 1 cup brown sugar
- 2 eggs
- 2 cups corn flakes
- 2 cups uncooked oats
- 2 cups sifted flour
- 2 teaspoons soda
- 1 teaspoon baking powder
- 1/2 teaspoon salt
- 1 cup coconut
- 1 teaspoon vanilla

Cream shortening, white and brown sugar. Add unbeaten eggs and blend. Stir in corn flakes and oats. Add dry ingredients (sifted together) gradually and then fold in coconut and vanilla. Drop by teaspoon onto lightly greased cookie sheet. Bake at 375 degrees for 8 to 10 minutes. Makes 6 dozen.

CREAM CHEESE PECAN PIE

- 1 8 oz. pkg. cream cheese, softened
- 1/2 cup sugar
- 1 egg, beaten
- 1 teaspoon vanilla
- 1 10-inch unbaked pie shell
- 1 1/4 cups pecans, chopped

TOPPING:
3 eggs
1 cup light corn syrup
1/4 cup sugar
1 teaspoon vanilla

Cream together softened cheese, sugar, beaten egg, salt and vanilla. Spread over bottom of unbaked pie shell. Sprinkle pecans evenly over cream cheese layer. Combine all topping ingredients and beat until smooth. Pour over pecan layer. Bake 35-45 minutes at 375 degrees until pecan layer is golden brown. Cool on wire rack. Serve slightly warm with whipped cream. Yield: 12 servings.

OLD FASHIONED TEACAKES

- 1 cup butter or margarine, softened
- 2 cups sugar
- 5 cups all-purpose flour
- 1 teaspoon baking soda
- 3 eggs
- 2 tablespoons buttermilk
- 1 teaspoon vanilla
- Additional sugar

Cream butter; gradually add sugar, beating well. Add eggs, 1 at a time, beating well after each. Add buttermilk and beat well. Combine flour and soda; gradually stir into creamed mixture. Stir in vanilla. Chill dough several hours or overnight. Roll dough to 1/4-inch thickness on a lightly floured surface; cut into rounds with cookie cutter. Place on lightly greased cookie sheet, sprinkle with sugar. Bake at 400 degrees for 7 to 8 minutes or until edges are lightly browned. Makes about 4 dozen.

PUMPKIN CAKE ROLL

Beat 3 eggs on high speed of mixer for 5 minutes; gradually beat in 1 cup granulated sugar. Stir in 3/4 cup pumpkin and 1 teaspoon lemon juice. Stir together 3/4 cup flour, 1 teaspoon baking powder, 2 teaspoons cinnamon, 1 teaspoon ginger, 1/2 teaspoon nutmeg, and 1/2 teaspoon salt. Fold into pumpkin. Spread in greased and floured 15 x 10 x 1-inch pan. Top with 1 cup finely chopped walnuts. Bake at 375 degrees for 15 minutes. Turn out on towel sprinkled with powdered sugar. Starting at narrow end, roll towel and cake together; cool. Unroll. For filling; combine 1 cup powdered sugar, two 3-oz. pkgs. cream cheese, 4 tablespoons butter or margarine, and 1/2 teaspoon vanilla; beat smooth. Spread over cake; roll. Chill. Makes 8 servings.

CHEESE FONDUE

- 1 stick oleo
- 1/2 lb. sharp cheese, grated
- 10 slices bread
- 3 eggs
- 2 cups milk
- 1/4 teaspoon Worcestershire sauce
- 1/4 teaspoon pepper
- 1/2 teaspoon salt
- Dash of Tabasco

Cut crust from bread. Soften oleo and cheese to room temperature. Mix well. Cut bread in quarters. Spread mixture on both sides of bread. Line pan with layers of bread quarters. Mix milk, eggs and seasonings. Beat well. Pour over bread. Refrigerate 24 to 48 hours. Bake 1 hour at 350 degrees. For a main party dish put a layer of ham and a layer of asparagus between bread slices. This dish may be frozen before baking.

CORNMEAL PUFF

- 1 cup cornmeal
- 1 1/2 teaspoons salt
- 4 cups milk
- 1 cup whipping cream
- 1 cup (4 oz.) shredded Swiss cheese, divided
- Fresh parsley sprigs, optional

Combine cornmeal and salt in medium saucepan; stir in milk. Bring to a boil; reduce heat and simmer stirring occasionally, until thickened (about 4 minutes). Gradually add whipping cream, stirring until smooth. Spoon 1/2 cup cornmeal mixture into a lightly greased 8-inch square baking dish. Sprinkle 1/2 cup cheese over top. Spoon remaining cornmeal mixture over cheese. Bake at 350 degrees for 35 minutes. Sprinkle remaining cheese over top. Bake 5 minutes more. Garnish with parsley. Makes 10 to 12 servings. Recipe may be doubled.

QUICK CINNAMON ROLLS

- 1 box yellow cake mix
- 2 pkgs. rapid rise yeast
- Mix cake mix, yeast and 4 cups flour in large bowl. Add 2 1/2 cups hot water (temperature on yeast pkg.). Mix well then add other cup of flour. Let rise (will rise in half the time). Knead and form into rolls using the amount of butter, sugar and cinnamon that suits your taste. Let rise and bake at 400 to 425 degrees for about 12 minutes.

FRIED PIES

- 1 (8 oz.) pkg. dried fruit
 - 2 cups all-purpose flour
 - 1 teaspoon salt
 - 2 1/2 teaspoons baking powder
 - 4 tablespoons shortening
 - 3/4 cup milk
 - Deep HOT shortening
- Soak fruit in water to cover for several hours or overnight. Cook in same water until fruit is tender, stirring occasionally. Remove from heat; mash until smooth and add sugar to taste. Set aside to cool. Combine dry ingredients. Cut in shortening. Add milk and mix well. Put onto floured board and knead slightly. Roll as for pie crust. Cut circles; put fruit filling on one half the crust; fold other side over and crimp edges. Prick finished pies in 2 or 3 places. Fry in hot shortening until browned. Remove from heat and serve hot. Yield: 12 pies.

BELGIAN MOCHA CAKE

- 1/2 cup sugar
 - 3 tablespoons water
 - 2 (1 oz.) squares unsweetened chocolate
 - 3/4 cup butter or margarine, softened
 - 2 cups sugar
 - 1 teaspoon vanilla extract
 - 4 eggs, separated
 - 2 1/4 cups cake flour
 - 1/2 teaspoon baking soda
 - 1/2 teaspoon salt
 - 1 cup milk
 - 1 teaspoon cream of tartar
 - Mocha frosting (recipe follows)
 - Chocolate curls or grated chocolate
- Combine 1/2 cup sugar, water and chocolate in a heavy saucepan; cook over low heat, stirring until chocolate melts. Remove from heat; cool. Cream butter; gradually add sugar, beating well. Stir in vanilla. Add egg yolks, one at a time, beating well after each addition. Stir in chocolate mixture. Combine flour, soda, and salt; add to creamed mixture alternately with milk, beginning and ending with flour mixture. Mix well after each addition. Beat egg whites (at room temperature) until frothy; add cream of tartar, and beat until stiff peaks form. Fold into batter. Grease three 9-inch round cakepans; line with greased waxed paper, and dust with flour. Pour batter into prepared pans, and bake at 350 degrees for 25 to 30 minutes or until a wooden pick inserted in center comes out clean. Spread mocha frosting between layers and on top and sides of cake. Store in refrigerator, or the cake may be frozen. If desired, garnish with chocolate before serving. Yield: one 3-layer cake.

Mocha Frosting:

- 1 cup butter, softened
- 2 to 2 1/4 cups powdered sugar, divided
- 1 tablespoon instant coffee powder
- 3/4 teaspoon cocoa
- 3/4 teaspoon hot water
- 2 egg yolks
- 1 to 1 1/2 tablespoons almond extract
- 2 tablespoons rum

Cream butter and 1 1/2 cups powdered sugar until light and fluffy. Combine coffee powder, cocoa and water; stir into creamed mixture. Add egg yolks; beat 5 minutes. Stir in almond extract and rum. Add enough of remaining sugar to make spreading consistency (frosting gets firm when chilled). Yield: enough for one 9-inch layer cake.