

is also very important. Hull damage or too much or too little moisture content results in poor popping or tough popcorn, he says.

Beebe/Stevenson draws its history from the original popcorn company of Mildred and Joe Beebe, Jim's parents. In 1936 Mildred and Joe began growing popcorn. Selling corn mostly in 50-pound bags, they built their business. Many theatres in the area used their popcorn. In 1959, they moved the operation to Claytonville, and the business grew bigger. They were no longer able to produce all the corn they could sell, so they began contracting with farmers in the area. One of their big customers then, Jim says, was Cracker Jack. They even became popcorn exporters, shipping bulk supplies to Canada and overseas.

Before long they began packaging the small bags for retail sales, and in the following decades the company reached into two new markets: fund-raising organizations and private label packaging.

Stevenson, an Oxford, Indiana, resident who is married to Jim's sister, Teresa, began his involvement with the company in 1972. He is a farm manager for Farmcraft Service, managing farms in east-central Illinois and northwest Indiana. His farm management background has been valuable in development of the product line, packaging and advertising. Jim and his wife, Joy, live in Danville. She is a music teacher at Meade Park and Northeast Elementary Schools there, and she and Jim, a former English and music-theatre teacher, operate Sunshine II Productions, Ltd., a summer theatre production company in Danville.

The Beebe/Stevenson line of retail products is available in many outlets throughout the east-central Illinois area, explains David Drook of Champaign, sales manager. In addition, the firm can package gift packs to meet clients' special needs and has a standard gift pack of one quart of popcorn and one quart of soybean oil. This is available with or without salt, Stevenson adds. Custom packaging makes up about half of the company sales volume.

Many schools and youth organizations use Beebe/Stevenson in their fund-raising programs, he adds.

Beebe/Stevenson prides itself as an

Illinois company using Illinois resources. One of its biggest accounts is with the Illinois Farm Bureau, which has its own label put on the popcorn. In recent years, the Farm Bureau has used Beebe/Stevenson in its program of working with other states to introduce Illinois products to consumers in those other states.

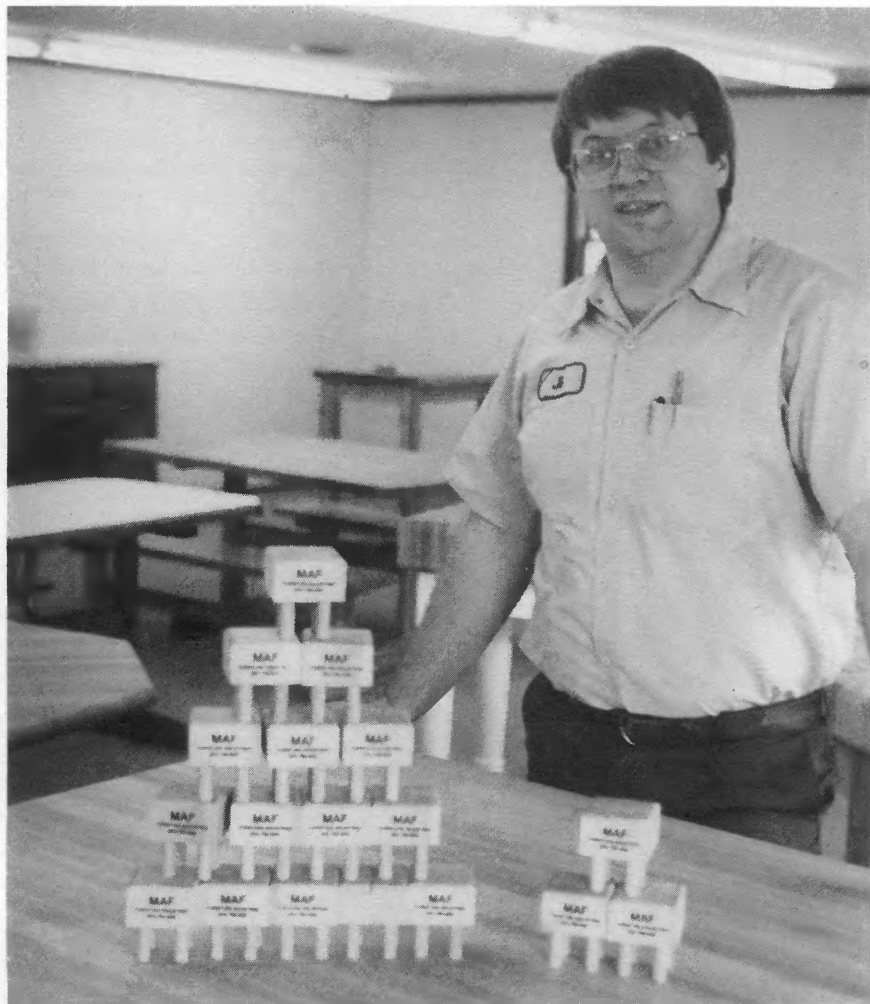
Also involved in the operation are Tom and Karen Wellborn of Cissna Park.

Retail purchases may be made at the farm near Cissna Park, and the company is looking for distributors. Those interested in further information should call Beebe/Stevenson at 1-815-457-2293 and ask for Karen.

**Opposite page top: Wayne Stevenson explains to Dave Champion, Eastern Illini manager, the workings of a machine used for packaging popcorn. Opposite page bottom: Jim Beebe. Below: Wayne Stevenson shows the small popcorn plant.**



# Norris Electric News



Joe Emmerich, president of MAF Furniture Industries, Inc., stands in front of a showroom full of the firm's fine hardwood furniture.

## Effingham has new furniture factory

Effingham has a new business, and it's a going concern. In a way, it "hit the ground running." Joe Emmerich, president of MAF Furniture Industries, Inc., notes that he set up his business in a former pool supply building west of Effingham on Route 40 in June, and began producing in August. Before starting his operation, Joe spent 15 years working for another Effingham woodworking firm.

"I laugh when I say we moved in in June and started in August," he says, "because things really got

started faster than that. We'd committed ourselves to be at a furniture show on the East Coast in August, and we literally cleaned out our showroom and pulled a few just-finished items out of the shop. We loaded them into a rental truck, and I drove all night to get there."

The show helped out MAF Furniture solidly in business, as buyers got a look at the quality of the Illinois-crafted furniture. "We make stuff that's strictly upscale," Joe says, "and we use the best oak and maple, and we watch our workmanship.

The people we're catering to appreciate that, and they're willing to pay good prices for our products."

MAF makes a variety of furniture items including dining room tables, center islands for kitchens, microwave carts, pantry carts, and so on. Desks and hutches are part of the product line, too, and the firm makes an oak rolltop desk that'd be a standout in just about anybody's place.

"We make benches to go with some of our tables," Joe says, "but we don't make any of the chairs that you see in our showroom. They take a whole different line of tools, and we decided not to get involved in that."

The firm does a little cabinet work, but none of it's custom. "There are any number of people doing a good job of that," Joe says, "and we were looking for just one little niche that we could fill, and that's what we've done."

He notes that his niche involves quality hardwood furniture, made in fairly small quantities. "We're making furniture that up-and-coming people will be proud to have in their homes," he says, "and it's sure not the kind of stuff you're going to find in the chain department stores."

The firm is working to expand, and Joe is looking forward to more product shows. "We're finding good acceptance," he notes, "but once in a while we find a retailer who's a little reluctant to put our stuff out on their floor. It's kind of funny, because they usually come up with orders for more. Every once in a while you have a reluctant retailer, and have to really work to get him to show the furniture, and he sells it right away. We've had that happen a few times, and it's really gratifying."

And it's gratifying to see Illinoisans working, turning out quality products that will hold their own with furniture made just about anywhere.

# Do you know these people?

JAS

A partial list of people who are entitled to a capital credit check for the years 1955-1958 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and ad-

dress of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Grover C. Culp, RR 2,  
Robinson, IL 62454  
Lyle Culp, Star Route,  
Robinson, IL 62454  
Arthur Culver, Effingham, IL 62401  
Mrs. Virginia Culver, RR 1,  
Effingham, IL 62401  
Cumberland Unit Dist -77,  
c/o V.R. Wheatley, Hamilton  
School, Toledo, IL 62468  
Cumberland Unit Dist -77,  
c/o V.R. Wheatley, Supt., Johnstown  
School, Toledo, IL 62468  
Harry Cummins, Box 278,  
Hutsonville, IL 62433  
W.A. Cummins, RR 1, Hidalgo, IL 62432  
Bernard Cunningham, RR 2,  
Casey, IL 62420  
Gene O. Cunningham, RR 2,  
Robinson, IL 62454  
Harry Cunningham Est.,  
c/o Mae Cunningham, 300 W. Grand  
Prairie, Palestine, IL 62451  
Harry Cunningham, Vincennes, IN 47591  
James Cunningham, RR 1,  
Noble, IL 62868  
O.P. Cunningham, Box 14,  
Salem, IL 62881  
Vorce Cunningham, RR 1 Box 195,  
Effingham, IL 62401  
Wm. Cunningham, RR 2,  
Newton, IL 62448  
Pat Curran, Sumner, IL 62466  
Lurial Curry, RR 3, Oblong, IL 62449  
Lurial Curry, RR 3, Newton, IL 62448  
Oliver Curry, RR 3,  
Lawrenceville, IL 62439  
Gilbert Curtis, Apartado 135, Oaxaca,  
Mexico 000000  
Joe Cuthrell, Faithorn Ave.,  
Crete, IL 60417  
Cora Cutright, RR 2, Greenup, IL 62428  
Geo. Cutright, Toledo, IL 62468  
Mrs. S.S. Cutright, 402 N. Hena St.,  
Greenville, IL 62446  
Stingley Cutright, Greenup, IL 62428  
Lowell Daily, RR 1, Effingham, IL 62401  
Sam Dailey, RR 3, Greenup, IL 62428  
George Daniels, RR 1, Yale, IL 62481  
K.C. Daniels, 600 E. Grove,  
Effingham, IL 62401  
Jim Dardeen, RR 1, Allendale, IL 62410  
Everett Darling, Greenup, IL 62428  
Lee Darling, RR 3, Greenup, IL 62428  
Frank Darnell, Olney, IL 62450  
Mable Darnold, 406 S. Prairie,  
Robinson, IL 62454  
Jim Dart, 1101 S. Jackson,  
Robinson, IL 62454  
Lawrence Dart, RR 2, Oblong, IL 62449  
O.M. Dart, Oblong, IL 62449  
T.J. Dart, RR 2, Oblong, IL 62449  
Anton Dasenbrock, RR 3,  
Effingham, IL 62401  
C.R. Daugherty, RR 2,  
Martinsville, IL 62442  
Don Daugherty, RR 2,  
Martinsville, IL 62442  
Harold Daugherty, RR 3,  
Sumner, IL 62466  
Josephine Daugherty, RR 2,  
Vincennes, IN 47591  
Orville Daugherty, RR 2,  
Palestine, IL 62451  
Paul Eugene Daugherty,  
West Union, IL 62477  
Charles Davidson, Bogota, IL 62416  
David Davidson, c/o Jane Davidson,  
Casey, IL 62420  
Thomas Davidson, RR 1, Casey, IL 62420  
A.O. Davis, Watson, IL 62473  
Arch Davis, 808 N. Cross St.,  
Robinson, IL 62454  
Bertha M. Davis, RR 2, Casey, IL 62420  
Carl Davis, RR 4 Robinson, IL 62454  
Carl E. Davis, Robinson, IL 62454  
Chan & Tracy Davis, RR 2,  
Effingham, IL 62401  
Charles Davis Estate, RR 2,  
Martinsville, IL 62442  
Della Davis, Altamont, IL 62411  
Donald Davis, RR 1, Bridgeport, IL 62417  
Earl S. Davis, Box 104,  
Hazel Dell, IL 62430  
Floyd L. Davis, RR 3, Oblong, IL 62449  
H.M. Davis, RR 2, Martinsville, IL 62442  
Mrs. Jessie E. Davis, RR 2,  
Dieterich, IL 62424  
Kenneth Davis, Vincennes, IN 47591  
Kenneth F. Davis, c/o Nellie Plough,  
RR 1 Box 9, Corning, AR 72422  
Davis Lambert Oil Properties,  
P.O. Box 334, Mt. Carmel, IL 62863  
Mary Sanford Davis, RR 3 Box 213,  
Casey, IL 62420  
Orro Davis, Casey, IL 62420  
Roy N. Davis, Martinsville, IL 62442  
Shelby Davis, West Union, IL 62477  
T.F. Davis, RR 2, Oblong, IL 62449  
W.L. Davis, RR 7, Olney, IL 62450  
Davison & Co., Casey, IL 62420  
Davison & Co., Box 129,  
Robinson, IL 62454  
Burl Davison, Casey, IL 62420  
Guy Davison, P.O. Box 233,  
Hutsonville, IL 62433  
Bural Dawson, RR 2, Casey, IL 62420  
Cletus E. Day, RR 2, Wheeler, IL 62479  
H.A. Day, 1011 N. Jefferson St.,  
Robinson, IL 62454  
Mayme Day, c/o Earnest Higgs, RR 1,  
Altamont, IL 62420  
R.R. Day, RR 1, Robinson, IL 62454  
Frank C. Dearing, RR 1,  
Hutsonville, IL 62433  
George Dearing, RR 1, Greenup, IL 62428  
David L. Deatherage, Robinson, IL 62454  
George Deatherage, RR 1,  
Oblong, IL 62449  
Eva Deaton, RR 2, Vincennes, IN 47591  
Emma Debord, Yale, IL 62481  
Arthur Deckard, West Liberty, IL 62475  
Esco Deckard, 3132 Richardway,  
St. Charles, MO 63301  
George Deckard, Robinson, IL 62454  
Verme E. Deckard, St.  
Francisville, IL 62460  
Chester Decker, RR 1,  
Flat Rock, IL 62427  
Dale Decker, RR 1, Jewett, IL 62436  
Herbert Decker, RR 1,  
Flat Rock, IL 62427  
J.M. Decker, RR 1, Martinsville, IL 62442  
Joseph Decker, RR 1,  
Martinsville, IL 62442  
Maggie Decker, RR 1, Flat Rock, IL 62427  
Vern Decker, RR 5, Olney, IL 62450  
Charles F. Deemer, 14285 Pierce St.,  
Pacoima, CA 91331  
Stanley Dees, Oblong, IL 62449  
Mrs. Mary Defebaugh, 7504 Ridge Lane,  
Belleville, IL 62223  
Gideon Gehl, Marshall, IL 62441  
Estes Deisher, Mt. Carmel, IL 62863  
Gilbert Deisher, 815 Plum St.,  
Mt. Carmel, IL 62863  
Melvin Delong, RR 1,  
Mt. Carmel, IL 62863  
George Demarais, RR 1,  
Robinson, IL 62454  
Jestin Denney, Robinson, IL 62454  
Leota Denney, RR 1, Toledo, IL 62468  
Aaron Dennis, 257 Ashley Rd.,  
Hoffman Estates, IL 60172  
Aaron Dennis Adm., Oblong, IL 62449  
Allen Dennis, 1910 Porter Ave.,  
Lawrenceville, IL 62439  
C.W. Dennis, Lot -4, Effingham, IL 62401  
Fred R. Dennis Jr., P.O. Box 363,  
Oblong, IL 62449  
Mrs. Gladys Dennis, RR 2,  
Oblong, IL 62449  
H.R. Dennis, c/o Mrs. Ellen Wampler,  
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H.T. Dennis, RR 1, Oblong, IL 62449  
Mary Dennis, Box 56, Palestine, IL 62451  
Otey Dennis, RR 2, Robinson, IL 62454  
Richard Dennis, Robinson, IL 62454  
Roy Dennis, RR 1, Oblong, IL 62449  
Mrs. Leota Denny, Toledo, IL 62468  
Everett Densmore, 432 W. North Ave.,  
Olney, IL 62450  
Gene Densmore, Box 8,  
Louisville, IL 62858  
John Denton, RR 3, Robinson, IL 62454  
George E. Deppen, c/o Wayne Seeley,  
815 Fourth St., Charleston, IL 61920  
George Derler, c/o Mrs. George Derler,  
West Liberty, IL 62475  
P.A. Derler, West Liberty, IL 62475  
Omer Desch, RR 3, Sumner, IL 62466  
John Devall, Box 534, Greenup, IL 62428  
Rezida F. Devall, P.O. Box 101,  
Hazel Dell, IL 62430  
Development Assoc. Inc., 203 W. 9th St.,  
Mt. Carmel, IL 62863  
Roy Devore, RR 1, Altamont, IL 62411  
E.E. Dewees, Toledo, IL 62468  
Lester Dewees, 506 Lincoln St.,  
Greenup, IL 62428  
Lewis E. Dewey, Marshall, IL 62441  
L.C. Dewhirst, RR 1, Dundas, IL 62425  
Dale Dickinson, RR 1,  
Lawrenceville, IL 62439  
Gene Dicus, RR 2, Vincennes, IN 47591  
Dale Dilley, RR 3, Olney, IL 62450  
Jake Dillier, Greenup, IL 62428  
Mrs. Viola Dillier, Greenup, IL 62428  
Cecil Dillman, Ingraham, IL 62434  
Jesse W. Dillman, RR 2, Oblong, IL 62449

# BRIEFLY

News items of interest to members of Illinois electric cooperatives

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## **Agricultural wiring workshops scheduled**

Four workshops on "Electrical Wiring for Grain Drying and Livestock Housing" are planned for four locations across the state in late January and early February. The workshops, to be presented by the departments of agricultural engineering of the University of Illinois and University of Nebraska, will be January 31 in Mt. Vernon, February 1 in Springfield, February 2 in Galesburg and February 3 in Dixon. The Illinois Farm Electrification Council and the Illinois Cooperative Extension Service are co-sponsors. The workshop is designed to be of interest to electricians, well drillers, builders, Extension agents, vo-ag instructors, inspectors, utility personnel, electrical equipment suppliers, equipment installers, equipment dealers and others who work with electricity in agricultural applications. All workshops will begin at 9 a.m. and end by 4:30 p.m. The pre-registration fee is \$39. The cut-off for pre-registration is January 23. Registration after January 23 will be \$45; participants may register the day of the meeting. For information, call (217) 785-7532.

## **New logo will mark Illinois food and agricultural products**

The Illinois Department of Agriculture has introduced a new use for its "Illinois Products" logo introduced at the 1988 Illinois State Fair. The logo, in red, white and blue, can now be used by food and agricultural companies, agricultural producers, farm organizations and other agricultural groups to promote farm and agricultural products that are produced, processed or packaged in Illinois. The Department's Division of Marketing is contacting companies and producers who may be interested in using the logo. Before using the logo, companies and producers must complete an agreement regarding the use of the logo. For more information, call (217) 782-6675.

## **Rural electric leaders elected during Farm Bureau meeting**

Ralph Freebairn of Ottawa, a director of Illinois Valley Electric Cooperative, has been elected to a two-year term on the board of the Illinois Farm Bureau (IFB). Freebairn was elected during the IFB annual meeting December 3-5 in Springfield. He has served five years as president of the LaSalle County Farm Bureau. During the annual meeting of the Interstate Producers Livestock Association (ILPA), held in conjunction with the IFB meeting, Merton L. Pond of Bluffs, a director of Illinois Rural Electric Co., was reelected to a two-year term on the ILPA board. Pond has served on the ILPA board since 1972. Irvin Stanford of Texico, a director of Tri-County Electric Cooperative, is also a director of ILPA.

## **Court finds company not liable in youth's power line tragedy**

The 16-year-old Texas youth had to make the extraordinary effort of attaching eight aluminum tent poles together when he ignored his friend's warning and poked at a power line more than 25 feet in the air. The resulting tragedy cost the teenager both legs and an arm. But the power company can't be held liable for this damage done by its product, the Texas Supreme Court has ruled. Lower state courts had awarded the boy \$3.7 million in damages, but five of the state high court's nine judges decided that power companies are responsible for shocks only after the electricity is stepped down from high voltages to more usable form, such as household current. Nor do power companies have a general duty to warn the public against the clear dangers of touching such power lines, unless the lines have to be placed in such a way that they violate codes or ordinances or the company has reason to expect they could endanger a person.

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# Norris Electric News



Members gathered for lunch after the meeting.

## Norris is now debt-free

A small bonfire was a big highlight at Norris Electric's 51st annual meeting Saturday, January 28, at the Newton High School in Newton. "The year 1988 was a milestone for your cooperative," noted Norbert Nix of West Liberty, president, as he set the mortgage paper afire, "and after 50 years, we are now debt-free." Some 1,000 members and guests applauded as the co-op's indebtedness went up in smoke.

Members also reelected five area men to the co-op's board of directors. They were: Nix, Marshall Shaw of Palestine; Delbert D. Mundt of Dieterich; Russell C. Scherer of Sumner and Frank Seiler of Dundas.

In his report to the membership, Ernest C. Weber, manager, noted

that the year had been a good one for the co-op. "Revenues were up nearly 4 percent over 1987," he said, "and our revenues increased without a hike in our basic rate structure."

He added yet another bit of good news, too. "Barring some unforeseen problem — such as a severe storm — rates will remain stable for at least the coming year," he said.

Getting into the nuts and bolts of keeping some 16,000 members on 4,000 miles of line supplied with electricity, Weber reported that Norris's main maintenance emphasis this year — again — will be to replace bad poles.

"This past year we inspected 7,809 poles and changed out 1,307," he said, "and we're upgrading our system, too. There are two critical

areas where we must improve the system to provide our members with good, dependable service."

The area southwest of Teutopolis will be upgraded with a heavier line, and the Loy substation will be "heavied up" to help handle the increasing load in the area. Another area — south of Lancaster — will receive similar treatment.

"On July 20, 1987," Weber said, "the State of Illinois appropriated \$1.5 million from the state's Petroleum Violation Fund to be used by the Illinois Department of Energy and Natural Resources for energy conservation programs for low and moderate income individuals served by rural electric cooperatives. Additional funds of \$2.5 million were made available for 1988-89, and we hope to see

another \$2.5 million appropriated for 1990-91. This is not tax money," he stressed, "but it is made up of penalties assessed by the Federal Government against oil companies for overcharges.

"Your cooperative has been serving as applications clearinghouse in helping our members apply for these grants, and in 1987-88, 202 members received \$254,247 in grants to help them

make their homes more energy efficient. Using these funds to conserve energy is helping the country as well as our members," he added.

Nix noted that Norris's goal is to provide adequate power at reasonable cost, and praised the co-op's directors for their dedication in solving the problems that arise, and adding that having power on 100 percent of the time would be ideal. "Being realistic, though," he

said, "we realize that even though we have a continuous maintenance program of changing out bad poles, replacing overloaded transformers, replacing oil circuit reclosures, trimming, spraying brush, cutting trees, making bi-monthly substation checks and patrolling miles of line, there will still be outages.

Some outages will be caused by equipment failure, some because people shoot insulators and some because animals get into substations and short out a circuit, he added.

"Mother Nature does her fair share, as well," he said, adding, "when it rains, cracked insulators will cause outages, extremely cold weather may snap the power lines, high winds will blow trees into them, and lightning causes problems, too.

"But we fear ice storms the most. An ice storm went by to the north of us last March, on about a west-to-east line. If it had hit us from Effingham to Mt. Carmel, we'd have had to spend millions of dollars to restore the system. We're taking several steps to prepare for outages that are sure to happen eventually. We're keeping our employees well-trained, buying the best and most modern equipment available, keeping our spare parts inventory well stocked and we're maintaining a good reserve fund. As I said, both your board and employees are doing their best to keep power going out to you at reasonable rates."

Three retiring long-time employees were recognized for their years of dedicated service. Madge Jobe and Susan Niemerg retired in December, and Rowena Hutson announced her retirement in January after 50 years with the cooperative.

Entertainment was provided by Captain Stubby, an Indiana humorist, and the Believers, a local gospel quartet.

After the meeting the board met in reorganizational session and reelected Nix president; Mundt, vice president; Scherer, secretary and Lyman Crumrin of Marshall, treasurer.



Norbert Nix burns the mortgage paper while Lyman Crumrin assists.



The five Norris board members who were reelected at the co-op's 51st Annual Meeting Saturday, January 28 at the Newton High School are pictured above with Ernest C. Weber, manager. Seated from left are Marshall Shaw of Palestine, Russell C. Scherer of Sumner and Frank Seiler of Dundas. Standing from left are Norbert Nix of West Liberty, Weber, and Delbert D. Mundt of Dieterich. Other board members are: Loren M. Litherland of Mt. Carmel, Lyman Crumrin of Marshall, Wilburn H. Deters of Teutopolis, Walter W. Hart of Annapolis, Earl Minderman of Lawrenceville and Howard Wolf of Wheeler.

# What's Better than the Best Gas Furnace?

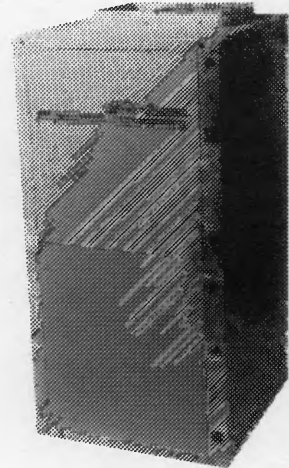
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# Norris Electric News

## Ice, snow hit Norris Electric service area — some 4,000 members' service affected

While it's the time of year that we shouldn't be surprised by a storm, we must admit we'd hoped that winter was over and that we were about to enjoy an early spring. As it turned out, it was not to be.

Things started looking bad on the morning of Sunday, March 5, and we knew before long that we were in for it. The weather experts tell us that a warm front pushing up from the Gulf of Mexico met a cold front moving down from Canada, causing the storm.

And what a storm it was. It plastered 10 states, and gave people in some of them a taste of snow such as they hadn't seen in many years. It gave others flooding.

We got ice and wind over much of our system. As the freezing rain came winds came too, and they started a "whipping" motion in the wires much like you'd feel if you started a long piece of rope going in a wavy motion. In the electrical business, it's known as "gallop." That stresses both the wires and the poles, and may loosen the ground around the poles, too. We had some of all that. Some of our conductor broke, some poles fell over and others broke off.

At one time, we had about 4,000 of our 16,000 meters without service, and a large part of that was due to the fact that some of the main transmission lines from CIPS were down, and the people they served were without power, too. When we finally got our transmission back on, we learned, as we'd feared, that we had scattered distribution outages, too.

We had all our crews out, and those we could borrow were out, too. For a while, we had trouble getting help because other co-ops were in the same boat, to one extent or another. Southeastern Illinois Electric Cooperative, Eldorado, for

example, had more people out of service than we did. Wayne-White Counties Electric Cooperative, to the south of us, had some 8,000 members out. Most were looking for help, as we were.

While storms are always bothersome and expensive, they tend to bring out the best in people, and we were pleased to find that our sister cooperatives throughout the state were ready to help. Their efforts were coordinated through the

Association of Illinois Electric Cooperatives Emergency Work Plan, and co-ops to the north of us, and to the west, were able to dispatch crews to where they were needed most.

We received help from Edgar Electric in Paris, Eastern Illini Electric in Paxton, and Shelby Electric in Shelbyville. We appreciate their help. Without it, many of our members would have been out of service longer.



Scenes like this were commonplace after the March 5 storm that hit Norris and several other co-ops.

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1958 will be published monthly.

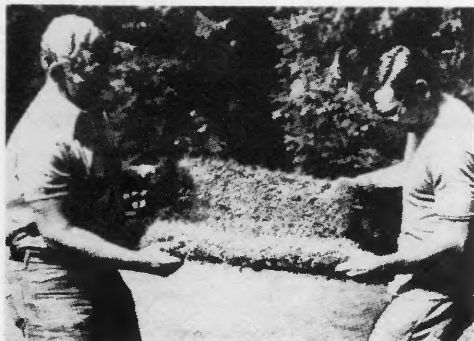
We need a current mailing address for each person below, or, if the person is deceased, the name and ad-

dress of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Leonard Dillman, Willow Hill, IL 62480  
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Paul Dollahan, 702 N.W. 14th, Homestead, FL 33030  
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Donna L. Dorney, 1506 S. Lincoln St., Amarillo, TX 79101  
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W.A. Doty, 301 Tampa St., Robinson, IL 62454  
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Newman E. Douglas, Sumner, IL 62466  
Robert C. Douglas, 2492 East Mountain, Pasadena, CA 91104  
Charles Dow, Toledo, IL 62468  
M.L. Dowell, RR 1, Oblong, IL 62449  
Charles Downey, Martinsville, IL 62442  
Dare Downey, Laport, IN 46350  
Ray Downey, Oblong, IL 62449  
W.H. Doyle, RR 3, Oblong, IL 62449  
Clarence Drake, RR 1, Robinson, IL 62454  
Margaret Drake, RR 2, Oblong, IL 62449  
Max Draper, RR 1, Robinson, IL 62454  
Fred Draves, c/o Augusta Draves, Dieterich, IL 62424  
F.W. Dressback, 305 W. Illinois St., Oblong, IL 62449  
Louis Druessedow, RR 1, Hidalgo, IL 62432  
Delbert Drum, Flat Rock, IL 62427  
Guy Drum, RR 1, Toledo, IL 62468  
Ray Drummond, Bridgeport, IL 62417  
Dave Dryden, Lerna, IL 62440  
Melanie Dubois, 7460 Central Ave., Lemon Grove, CA 92045  
Gordon B. Duck, RR 1, Lawrenceville, IL 62439  
Carl Duckwitz, Altamont, IL 62411  
Guy Dudley, Greenup, IL 62428  
Richard Dugan, RR 1 Box 157, Dundas, IL 62425  
Earl Duncan, Flat Rock, IL 62427  
Charles Dunlap, North Madison, Robinson, IL 62454  
Gene Dunlap, Flat Rock, IL 62427  
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John Dunlap, RR 2, Flat Rock, IL 62427  
Lewis Dunlap, RR 2, Robinson, IL 62454  
Lloyd Dunlap, RR 1, Oblong, IL 62449  
Richard D. Dunlap, RR 2, Flat Rock, IL 62427  
Robert Dunlap, RR 2, Flat Rock, IL 62427  
Sarah Dunlap, RR 2, Flat Rock, IL 62427  
Thomas Dunlap, RR 2, Flat Rock, IL 62427  
Wayne Dunlap, Robinson, IL 62454  
Wilbur L. Dunlap, RR 3, Oblong, IL 62449  
William Dunlap, RR 1, Bridgeport, IL 62417  
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Osee Eggars, RR 2, Toledo, IL 62468  
Ralph Eggars, RR 2, Greenup, IL 62428  
Wm. Eggars, Toledo, IL 62468  
Ralph Eggars, RR 3, Toledo, IL 62468  
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Mike Einhorn, Montrose, IL 62445  
Arthur Eirhart, c/o Gladys Eirhart, 1604 Eversmon Dr., Effingham, IL 62401  
C.E. Elder, RR 2, Toledo, IL 62468  
Clint Elder, RR 2, Toledo, IL 62468  
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# 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!

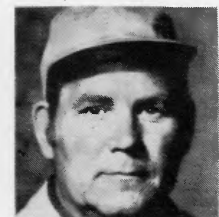
There's no seed that produces winter-hardy Meyer Zoysia. Sod of ordinary grass brings with it the problems of seed: like weeds, diseases, burning out, other ill's. Save time, work, money. Plug in Amazoy.

### 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.

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■ 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.

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General Offices & Store  
3617 OLD TANEYTOWN RD./TANEYTOWN, MD 21787

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<b>\$595</b> Total 120 Plugs	<b>\$995</b> Total 130 Plugs Plus Plugger	<b>\$1295</b> Total 360 Plugs	<b>\$1695</b> 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	<b>SPECIAL OFFER!</b> <input type="checkbox"/> 3000 PLUGS Plus 900 FREE with FREE Plugger	
<b>\$2595</b> Total 780 Plugs Plus Plugger	<b>\$4995</b> Total 1950 Plugs Plus Plugger	<b>\$6995</b> Total 3900 Plugs Plus Plugger	

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slow-moving molecules. So, a lot of heat is present, but it has a low temperature.

The iceberg has much more heat than the burning match even though the match is much hotter. Therefore, we can now understand that large masses of cold air or water have large amounts of available heat. The trick is getting all this heat concentrated into a usable form (warmth).

Illinois has a lot of cold weather in wintertime, and all that cold air is really a source of heat. It was mentioned before that air contains some amount of heat unless it reaches absolute zero (or -460 degrees F). Knowing that, it can accurately be stated that 0 degrees F is 460 degrees "warmer" than absolute zero. If absolute zero is the reference point, then 0 degrees F is a 460 degree difference, and 70 degrees F is a 530 degree difference, so 460 divided by 530 is approximately 87 percent. Air at 0 degree F **does** contain almost 90 percent of the heat it contains at 70 degrees F. During the winter, then, all that has to be done is concentrate the available heat. When concentration occurs, temperature automatically rises and usable heat (heat that feels warm to the touch) results.

This is what an air source heat pump does. It accomplishes this by using an outdoor coil containing a low-pressure liquid refrigerant that cycles in and out of your home. When a fan blows outdoor winter air across the coil, this cold air happens to be much warmer than the refrigerant. This winter air that feels cold is so much warmer than the refrigerant that it causes the refrigerant to boil and vaporize. (In order to get a liquid to boil, there has to be a source of heat. In this situation, the heat source is the winter air. This is why heat pumps are considered devices that take heat from cold.) The refrigerant has undergone a phase change—it has changed from a liquid into a gas and has absorbed latent heat. (See related article to understand what happens during a phase change.)

This vapor (carrying heat taken from the outside air) is now pumped through a compressor where the vapor is pressurized or concentrated making it now very hot to the touch. The refrigerant vapor that is now superheated is pumped to the indoor coil. Because the vapor is now hotter than room temper-

ature, it condenses (turns into a liquid) when the room temperature air is passed across the indoor coil by the blower fan. The change from vapor to a liquid releases heat (see inset). This heat can then be delivered throughout the house via the duct system. The liquid refrigerant, now cool to the touch, goes back outside passing through an expansion valve, which lowers the refrigerant's pressure which allows it to boil more readily.

The air-to-air heat pump has been used as the example to show how heat is extracted from seemingly cold air. The most efficient heat pump system is usually the ground source heat pump. These use the earth's stored energy. A liquid, usually an antifreeze solution, is circulated through plastic pipe buried in the ground. The earth's temperature at the buried pipe depth is relatively constant year-round (50 to 55 degrees F in this area). The ground source heat pump pulls heat from the earth into your home in the winter and takes heat from your home in the summer, moving it to the earth.

## Heat and phase change

Ordinarily, when heat is added to a substance, one would normally expect the temperature to rise, but that is not always the case. For example, when heat is added to a block of ice (at standard pressure) the temperature of the ice block will start rising until it reaches 32 degrees F. At that particular point, addition of more heat will not cause the temperature in the ice to rise. But now the ice block begins to melt and temperature will not rise again until all the ice has melted. As more heat is added the water now begins to increase in temperature until it reaches 212 degrees F. Again, same as before, when more heat is added, the temperature of the water will not change until all the water has turned into steam. At that point and only at that point will addition of more heat cause the temperature to rise again. That is why a burn from steam is more painful than a burn from boiling water. There is more heat in the steam. The extra heat required to change from a solid into a liquid (ice into water) is called the latent heat of fusion and the extra heat required to change a liquid into a gas (water into steam) is called the latent heat of vaporization. Latent heat is heat that is added which does not cause a change in temperature, but a change in phase. Sensible heat, or heat you can sense, is heat that causes a temperature change. The principles just outlined pertain for heat removal as well as for heat addition.

# Norris Electric News



At left, Loretta Musgrave places a concrete block during the construction of a parsonage. Her uncle, Larry Judy, is in the straw hat. A previous team had built a church, and this team also built a canteen. Loretta notes that the men on the team did most of the brickwork. The finished product is pictured above.

## Co-op member helps build Haiti parsonage, canteen

While many of us dream of exotic, carefree Caribbean vacations, few of us ever take one. Loretta Musgrave of Oblong went to Haiti for two weeks in February, but she didn't do much basking in the sun or swimming in the surf.

Instead, she helped build a parsonage and canteen. Loretta is the daughter of Jack and Bonnie Judy of Newton.

Loretta, uncle and aunt, Larry and Alice Judy, Larry's sister, Virginia Turner, and Larry and Alice's son, Brian, joined nearly a dozen other men and women for the trip, departing Indianapolis February 8. After stops in Atlanta and Miami, the group was on its way to Port-au-Prince, the capital of Haiti, which is on the Western half of the island of Hispanola.

"There were some trucks waiting for us," she says, "and they took us up to where we were to work. It took two hours to drive 23 miles. There are six million people in Haiti," she adds, "and 40 percent of them live

in Port-au-Prince."

Average income is about \$300 a year, she says, and the unemployment rate is 80 percent. Life expectancy is 33 years. "A family's considered to be wealthy if they have any kind of cattle," Loretta says, "and rice and beans are a major part of their diet. They cook over charcoal and goat is a popular meat. The language they use is Creole, and we did everything through an interpreter."

They make their charcoal by piling up wood, setting it afire and covering it with sand. They get water from a nearby river and do their laundry and bathing there, she adds.

"The Friends of Haiti Organization, or FOHO, was ready for us," Loretta notes, "and they had tents for us to take along, as well as a gas refrigerator and cookstove. We lived in the tents and slept on mats on the floor. We paid church members \$2.50 a day to help with the carpentry, and we paid some

women the same amount to help with the laundry and so on.

"The team built a parsonage out of concrete blocks with open metal windows and shutters. The roof was tin. An earlier team—four or five years ago—had already built a church. We built a canteen, too. The men did most of the block work, and the women did the cooking, painting and light carpentry stuff."

The canteen is what amounts to a "school cafeteria," and children who are sponsored at the school—mostly by American contributors—are given a meal a day there. For most, it's by far the best meal of the day.

"The buildings we put together look pretty primitive by our standards," Loretta says, "but they're really solid and will last a long time. Most of the other buildings are shanties made of mud plastered over woven twigs, and a good rain will wash away the walls. We feel good having gone down to build something that'll do the people there a lot of good and last a long time."

And for many, the trip will be an adventure—and an insight—that they'll never forget.

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1958 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

James Evans, RR 4, Robinson, IL 62454  
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 Otto Evans, Mason, IL 62443  
 Richard Evans, RR 4, Robinson, IL 62454  
 Tony W. Evans, Mason, IL 62443  
 Virgil Evans, Mt. Carmel, IL 62863  
 Walter Evans, Toledo, IL 62468  
 Perry Eveland, c/o Mrs. Bessie Evelin,  
 RR 2, Robinson, IL 62454  
 William Eveland, RR 3, Effingham, IL  
 62401  
 Albert Evelin, RR 2, Robinson, IL 62454  
 Dean Evelin, RR 2, Robinson, IL 62454  
 Renes Everett, RR 1, Shumway, IL 62461  
 Excelsior Grange, c/o J.W. Davis, RR 1,  
 Robinson, IL 62454  
 F&P Garage, Mt. Carmel, IL 62863  
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 CA 93305  
 Dorothy Fairweather, Robinson, IL 62454  
 Reed Faith, RR 1, Robinson, IL 62454  
 Mrs. Wm. E. Faith, RR 2, Flat Rock, IL  
 62427  
 Kile Falulner, West York, IL 62478  
 Howard Fancil, RR 2, Robinson, IL 62454  
 Lillian Fancil, RR 1, Robinson, IL 62454  
 Gordon Farley, RR 3, Casey, IL 62420  
 Orval Farley, RR 1, Willow Hill, IL 62480  
 Roy Farley, RR 1, Allendale, IL 62410  
 Everett Farlow, RR 1, Bridgeport, IL  
 62417  
 J.O. Farlow, Bridgeport, IL 62417  
 Thos. J. Farlow, RR 1, Mt. Carmel, IL  
 62863  
 W.A. Farnoff, RR 2, West Salem, IL  
 62476  
 C.L. Farnsworth, Adm. L.W. Singleton,  
 605 W. Pine St., Robinson, IL 62454  
 Donald Farrar, RR 2, Palestine, IL 62451  
 D.D. Farrar, RR 2, Palestine, IL 62451  
 Charles W. Farrell, RR 2, Toledo, IL  
 62468  
 Dorothy Farror, 203 W. New Albany,  
 Vincennes, IN 47591  
 Harvey Farror, S. 11th, Lawrenceville, IL  
 62439  
 Harvey Farror Sr., Bridgeport, IL 62417  
 Harvey C. Farror, Bridgeport, IL 62417  
 Harvey C. Farror Sr., Sumner, IL 62466  
 Lester Farror, 501 Christy St., Sumner, IL  
 62466  
 C.G. Farthing, Willow Hill, IL 62480  
 C.A. Fasig, Martinsville, IL 62442  
 Kyle Faulkner, West York, IL 62478  
 Sam Faulkner, Greenup, IL 62428  
 David Fear, Willow Hill, IL 62480  
 Larry Fear, RR 1, Hutsonville, IL 62433  
 Theodore E. Fear, RR 1, Willow Hill, IL  
 62480  
 William Fears, c/o Rosemary Eubank,  
 Willow Hill, IL 62480  
 Mrs. Clara Fehrenbacher, Flora, IL 62839  
 Howard Fehrenbacher, RR 1,  
 West Liberty, IL 62475  
 Albert Feldhake, Watson, IL 62473  
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J. Ed Feldhake, RR 1 Box 232, Effingham,  
 IL 62401  
 Carl L. Ferguson, RR 1, Wheeler, IL  
 62479  
 Carl Ferguson, RR 3, Altamont, IL 62411  
 Everett Ferguson, RR 1, Willow Hill, IL  
 62480  
 Felix Ferguson, 602 N. Central, Casey, IL  
 62420  
 Floyd Ferguson, Willow Hill, IL 62480  
 Hugh Ferguson, Lerna, IL 62440  
 Robert Ferguson, Lawrenceville, IL 62439  
 Francis Ferriell, Bridgeport, IL 62417  
 R.R. Fielder, RR 3, Oblong, IL 62449  
 Russell R. Fielder, RR 3, Oblong, IL  
 62449  
 John Fillinger, RR 1, Toledo, IL 62468  
 Otto Fink, Sigel, IL 62462  
 Chas. Finn, Hidalgo, IL 62432  
 Fred Finn, Hidalgo, IL 62432  
 Victor Finney, Martinsville, IL 62442  
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 62863  
 Elsie Fischer, RR 4, Mt. Carmel, IL 62863  
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 Crown Point, IN 46307  
 Mrs. Sherman Fiscus, 911 W. St. John,  
 Olney, IL 62450  
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 Frank Fanes Fisher, Mt. Carmel, IL 62863  
 Led Fisher, RR 1, Bridgeport, IL 62417  
 Mrs. Nora A. Fisher, Decker Trlr Court,  
 Olney, IL 62450  
 Raymond Fisher, RR 2, Lawrenceville, IL  
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 Mrs. Dottie Fitch, RR 1, Martinsville, IL  
 62442  
 Ralph Fitch Sr., RR 3 Box 245, Greenup,  
 IL 62428  
 Bradford Fitzpatrick, 48376 Richard St.,  
 Indianapolis, IN 46226  
 Leslie Fitzwilliams, RR 6, Olney, IL 62450  
 John W. Fleck, RR 1, Olney, IL 62450  
 J.W. Fleming, RR 1, Toledo, IL 62468  
 James Fletcher, RR 1, Toledo, IL 62468  
 James E. Flood, RR 1, Effingham, IL  
 62401  
 James Flood, Flat Rock, IL 62427  
 Wm. Flory, c/o Rudis Home,  
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 Claud Flynn, RR 2, Toledo, IL 62468  
 M.L. Fogle, Box 304, Casey, IL 62420  
 Lenious Fogleman, P.O. Box 300,  
 Greenup, IL 62428  
 Vernon Fogleman, RR 3, Greenup, IL  
 62428  
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 B.A. Folck, RR 4, Robinson, IL 62454  
 Ruth Forcum, Oblong, IL 62449  
 B.D. Ford, Robinson, IL 62454  
 Everett Ford, Flat Rock, IL 62427  
 James Ford, RR 2, Flat Rock, IL 62427  
 Lewis Ford, RR 1, Flat Rock, IL 62427  
 Omer Ford, 1210 Wabash Ave.,  
 Vincennes, IN 47591  
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 Thomas Fore, Olney, IL 62450  
 John E. Foreman, RR 4, Sumner, IL  
 62466

John G. Foltz, 342 Ridge Road,  
 Barrington, IL 60010  
 Carrie Eck Forney, Sumner, IL 62466  
 Frank Fornoff, Mt. Carmel, IL 62863  
 Forsythe & Kime, Robinson, IL 62454  
 Roy Van Fossen Jr., Olney, IL 62450  
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 33844  
 Arthur Foster, Vincennes, IN 47591  
 Bob Foster, RR 1, Palestine, IL 62451  
 Edison Foster, RR 2, Effingham, IL 62401  
 Isaac Foster, Vincennes, IN 47591  
 George Fowler, 525 S. Walnut, Arthur, IL  
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 Joseph H. Fowler, 1328 East 9th St.,  
 Davenport, IA 52803  
 Ralph Fowler, 309 E. Franklin, Palestine,  
 IL 62451  
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 Joliet, IL 60435  
 John Fox, Hutsonville, IL 62433  
 John A. Fox, Toledo, IL 62468  
 W.P. Fox, RR 1, Robinson, IL 62454  
 Dwight Francis, RR 1, Oblong, IL 62449  
 Edward Francis, Annapolis, IL 62413  
 Elzie Francis, RR 1, Effingham, IL 62401  
 James Francis, RR 2, Martinsville, IL  
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 James Francis, West York, IL 62478  
 Henry Frank Oil, Elgin, IL 60120  
 Clark Eugene Frantz, 2325 S. 14th Ave.,  
 Broadview, IL 60153  
 James Frauli, RR 3, Robinson, IL 62454  
 D.E. Fredenhagen, RR 2, Palestine, IL  
 62451  
 Don A. Frederick, RR 1, Oblong, IL  
 62449  
 W.N. Frederick, RR 3, Robinson, IL  
 62454  
 G.W. Freeland Est., Oblong, IL 62449  
 Andrew Freeman, St. Francisville, IL  
 62460  
 Everett Freeman, RR 2, Vincennes, IN  
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 Fred Freeman, 506 Hill N. Dale Rd.,  
 Lexington, KY 40503  
 Guy Freeman, Willow Hill, IL 62480  
 Harley Freeman, RR 1, Toledo, IL 62468  
 J.V. Freeman, Greenup, IL 62428  
 James Freeman, RR 2, Vincennes, IN  
 47591  
 John Freeman, RR 1, Toledo, IL 62468  
 Loral Freeman, RR 4, Robinson, IL 62454  
 Raymond Freeman, RR 1, Robinson, IL  
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 Ronald Freeman, RR 2, Flat Rock, IL  
 62427  
 Virgil Freeman, 6044 Fairview,  
 Downers Grove, IL 60515  
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 Mary French, Hidalgo, IL 62432  
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 James G. Frey, Box 415, Vincennes, IN  
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 Lawrenceville, IL 62439  
 Jean Fritchie, RR 3, Lawrenceville, IL  
 62439

# Soyland, WIPCO merger complete

Two Illinois electric generation-and-transmission cooperatives became one March 29. The merged boards of Soyland Power Cooperative and Western Illinois Power Cooperative (WIPCO) held their first meeting in Decatur, location of the headquarters of the surviving organization, Soyland Power Cooperative.

Representing 21 electric distribution cooperatives and serving nearly one-half million Illinois citizens, the combined organization has assets of approximately \$850 million and annual operating revenues of \$150 million.

Guests for the historic first board meeting included Jack Van Mark, acting administrator, Rural Electrification Administration, Washington, D.C., and Jack Williams of Prince Frederick, Md., president of the board of directors of the National Rural Electric Cooperative Association.

The merger of the two cooperatives,

providing power to nearly two-thirds of the land mass of Illinois, has been pending since mid-1988 when members voted in favor of the merger. The former headquarters of WIPCO in Jacksonville will serve as a district office and as headquarters for a subsidiary of Soyland, WaterFurnace of Illinois.

"We have been pooling the power supply facilities of the two organizations since January 1985 and dispatching electric loads as one entity," E.H. Williams, executive vice president and general manager of Soyland, said of the merger. "The formal merger of the two organizations was just a final step in a long-range plan to stabilize electric rates for the one-half million persons who depend on our 21 member distribution cooperatives for their electric energy."

Work toward the merger began after electric rates for cooperatives owning a 13.3 percent share of the nuclear Clinton Power Station began to increase rapidly in the early 1980s. "The Rural Electrification Administration restructured WIPCO's Clinton Power Station debt, resulting in significant savings to the members. The debt restructuring by REA provides the economic basis for WIPCO to merge with Soyland," Williams said. "We expect Soyland's electric rates to remain stable for the next 10 years, with potential increases not to exceed the rate of inflation."

During the first meeting of the merged board, new mortgage agreements were executed by the board and Van Mark, representing REA. At the same time Soyland's Williams presented Van Mark with the first payment to REA on the restructured WIPCO debt.

Soyland will continue as an Illinois not-for-profit corporation with the board made up of 14 directors representing the previous WIPCO member distribution cooperatives and 28 directors representing Soyland member-cooperatives for a total board of 42 members.

Soyland's Williams (left) and REA's Van Mark.





1990," Chapman added.

Chapman said SIPC had no major construction during 1988, but completed a number of smaller projects, including new oil storage facilities, a sprinkling system for the coal storage area, a new air compressor for the plant and additional air conditioning for the plant facilities.

Lawrence Wilke of Karnak, secretary-treasurer, noted that SIPC in 1988 paid its first capital credits to member systems, returning patronage capital totaling \$1,276,732 to the cooperatives. Wilke said both revenue and expenses were down in 1988 from 1987. He added that fuel costs declined by more than \$2 million. SIPC paid almost \$2 million in local, state and federal taxes during 1988, he said.

For the second consecutive year, SIPC returned capital credits to the three member cooperatives. Tiberend presented checks totaling more than \$927,000 to the three systems: Egyptian,

\$221,760; Southeastern, \$540,081, and Southern, \$165,567. The patronage returns were for the years 1974 and 1975. Last year SIPC made its first capital credits return, refunding credits for the years 1971, 1972 and 1973.

During the meeting, four representatives of each of the three member cooperatives were elected to the board: (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, Tiberend, 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 Wilke.

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



Harold I. Dycus (seated center) of Carbondale is the new president of the board of directors of Southern Illinois Power Co-operative. Other officers are, seated from left, Kenneth R. Webb of Tunnel Hill, secretary-treasurer, and Lawrence Wilke of Karnak, vice president. Standing are, from left, James R. Chapman, executive vice president and general manager, and Charles D. Winters, assistant secretary and attorney.

# Norris Electric News



Esther Padrick displays the John Deere tractor quilt that she made for her grandson, Todd Padrick. Great-granddaughter, Aften Peters, and her little brother, Brennen, are helping out. Mrs. Padrick used two pictures of five different tractors, to come up with ten quilt blocks for her grandson, who's "crazy about Deere products." The colors, naturally, are green and yellow.

## So Deere to my heart— woman quilts an heirloom

For Esther Padrick of rural Toledo, quilting is many things. A way to pass time, a creative outlet, a source of gifts—who knows what else?

And she has made a quilt for her grandson, Todd Padrick, that would turn a John Deere dealer Deere Green with envy. "Todd has always been just crazy about John Deere equipment," Mrs. Padrick says, "and I've made quilts for just about everybody in the family. When it came time to make his, I decided to see if I could do it up right."

It turned out to be more of a chore than she'd expected. "We tried to find quilt blocks with tractors already on them," she says, "and we tried several places. We didn't have any success at all, so I

decided to make them myself."

Finding good tractor pictures to work from was a problem, too. Esther and her daughter-in-law, Janet, got to working on the project. Janet is Todd's mother, and she put a lot of work into the research end of the task.

"We talked to our dealer about getting pictures," Janet says, "and he suggested that we buy a coloring book, but we didn't want a quilt that looked like it'd come out of a coloring book, so we kept looking. We wanted something with some detail."

They looked at books, and found pictures in some. They had to buy one. Still they looked. One tractor was really elusive. "Then we went into the dealer's place in Newton,"

Esther says, "and we saw a poster on the wall. It was just what we needed. The dealer said he couldn't give us the poster, but that he'd be glad to copy it for us, and we were on our way. It was a big help."

They had the pictures enlarged. Esther traced them onto material, cut them out and assembled them each on blocks about 12 by 16 inches. She hand-appliqued them with stitching so fine you'd swear it came from a machine.

"I put five different tractor pictures on the quilt," she says, and used two copies of each."

A Model A tractor is on the upper left, then an old four-wheel drive, a 4440, a front-wheel drive and the new four-wheel drive. They go up the right side in the reverse order, starting with the A at the bottom and working up to the new four-wheel drive.

Mrs. Padrick has had some offers for the quilt, she says, but since it was made specifically for Todd, it's not for sale. "I put about a year's work into it," she says with a smile, "and I'm not going to make another one."

However, she has made about 25-30 different quilts, all told. She farmed for years with her husband, who died suddenly when their fifth child was just a baby. "I went on farming," says Esther, who's 74, "taking care of the hogs and chickens. I got up every day at about 5 o'clock. When I sold off the livestock and quit farming, I kept getting up at the same time, and I used that time for quilting."

Her oldest child—and only daughter—went into nurse's training, she notes, and wore uniforms while in school. "When she got out of that," Esther says, "I made her a quilt out of the old uniforms. When a couple of my granddaughters outgrew some of their dresses, I used them to make Holly Hobby quilts for them, and I'm still at it. I'm making 'em for great-grandchildren now. I guess I'll always be making some kind of quilt."

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Jean Fritchie, RR 3, Lawrenceville, IL 62439  
Jean Fritchie, RR 3, Flat Rock, IL 62427  
G.M. Fritschle, RR 4, Olney, IL 62450  
Edward Fritz, Oblong, IL 62449  
Otto Fritz, 1606 South 10th, Robinson, IL 62454  
M.L. Frizzell, RR 1, Casey, IL 62420  
Walter Frizzelle, 100 W. Monroe, Casey, IL 62420  
Walter Frizzelle, Greenup, IL 62428  
G.H. Froderman, 120 N. 8th St., Terre Haute, IN 47808  
Clyde Frost, RR 4, Robinson, IL 62454  
Mrs. Ella Frost, c/o Fern Frost, Box 234, Robinson, IL 62454  
Robert Fruchtl, RR 3, Effingham, IL 62401  
Rex Fry, Robinson, IL 62454  
Rex Fry, Martinsville, IL 62442  
Robert Fry, RR 3, Robinson, IL 62454  
W.G. Fry, Mt. Carmel, IL 62863  
Wm. Fry, RR 3, Sumner, IL 62466  
Betty Frye, RR 3, Lawrenceville, IL 62439  
Charles Frye, RR 3, Robinson, IL 62454  
Tony Frye, RR 1, Lawrenceville, IL 62439  
Christopher Fuesting, Teutopolis, IL 62467  
Ray Fulgham, 1951 N.E. 39th St., Lighthouse Point, FL 33064  
C.A. Fulk, RR 5, Olney, IL 62450  
Dale Fulk, RR 1, Olney, IL 62450  
Michael Fulk, Hidalgo, IL 62432  
Wm. Fulk, Olney, IL 62450  
Grover Fuller, 504 Cherry St., Robinson, IL 62454  
Wm. E. Fuller, 300 Broadway, Montrose, IL 62445  
Russell Fulton, RR 1, Parkersburg, IL 62452  
Joseph T. Funk, RR 2, Lawrenceville, IL 62439  
W.V. Funk, c/o Ralph Maxwell, RR 3, Robinson, IL 62454  
Loren Fuson, 310 South 3rd., Effingham, IL 62401  
Charles Fyffe, St. Francisville, IL 62460  
James Gable, RR 1, Marshall, IL 62441  
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Luther Gaddis, Robinson, IL 62454  
Mrs. Otto Gaddis, RR 2 Box 172, Robinson, IL 62454  
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Enoch Galloway, RR 2, Wheeler, IL 62479  
Imogene Galloway, RR 2, Fairfield, IL 62837  
Galloway School, c/o John Chestnut, Dieterich, IL 62424  
Joe Ganley, RR 1, Willow Hill, IL 62480  
Clarence A. Garbe, 109 N. Oak, Effingham, IL 62401  
Carroll Gard, RR 1, Marshall, IL 62441  
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R.H. Gard, West Union, IL 62477  
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Harry Garner, RR 1, Dieterich, IL 62424  
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Chester Garrard, RR 3, Robinson, IL 62454  
Delbert Garrard, RR 2, Palestine, IL 62451  
Ralph E. Garrard, RR 1, Willow Hill, IL 62480  
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Eddie Gatton, RR 2, Willow Hill, IL 62480  
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Joe Gately, Watson, IL 62473  
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Eddie Gatton, RR 2, Willow Hill, IL 62480  
Max Gatton, Trimble, IL  
Cleon Geffs, RR 2, Oblong, IL 62449  
Homer Geffs, RR 2, Casey, IL 62420  
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Leland Gertsch, RR 1, Olney, IL 62450  
Tom Ghast, Willow Hill, IL 62480  
James E. Gibson, 219 South Ave., Sumner, IL 62466  
Ova Gibson, RR, Arcola, IL 61910  
Paul W. Gibson, Jr., Olney, IL 62450  
Walter Giesen, 20 S. Brinker Road, Barrington, IL 60010  
Mrs. Pat Gieser, RR 2, Casey, IL 62420  
Wm. D. Giffin, Box 546, Olney, IL 62450  
Elda Gifford, RR 1 Box 94, Willow Hill, IL 62480  
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Jack Gilbert, Casey, IL 62420  
Ross Gilbert, Jewett, IL 62436  
James Gillard, RR 2, Flat Rock, IL 62427  
Floyd Gillaspy, RR 2, Oblong, IL 62449  
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Leroy Gillespie, Altamont, IL 62411  
Merle Gillespie, Altamont, IL 62411  
Glen Gillett, 1345 N. Union St., Decatur, IL 62526  
Fay E. Gillum, RR 3, Sumner, IL 62466  
Todd Gilmore, 504 E. Virginia, Effingham, IL 62401  
Roger L. Glass, 608 N. 12th St., Vincennes, IN 47591  
Marietta Dallmier Glatz, 1625 E. Hanover, Springfield, MO 65804  
Herman Glenn, Greenup, IL 62428  
Lester Glenn, Lancaster, IL 62855  
Virgil Glenn, c/o Wayne Siddens, Mason, IL 62443  
Willis Glenn, Greenup, IL 62428  
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Leon Glidewell, Greenup, IL 62428  
Wm. Glidewell, c/o Mrs. Maude Plunkett, RR 2 Box 99, Greenup, IL 62428  
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Ronald Glosser, RR 2, Robinson, IL 62454  
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Charles Goble, RR 1, Martinsville, IL 62442  
W. Warren Goble, RR 1 Box 147, Toledo, IL 62468  
Wm. Goble, Clinton, IL 61727  
Charles Goebel, RR 1, Hidalgo, IL 62432  
Joe Goeckner, Teutopolis, IL 62467  
Emil Goelter, Willow Hill, IL 62480  
George W. Goen, RR 2 Box 144, Effingham, IL 62401  
Russell F. Goen, Shumway, IL 62461  
Ival Goff, 613 Franklin, Palestine, IL 62451  
Lewey Goff, RR 4, Robinson, IL 62454  
Lloyd Goff, RR 3, Robinson, IL 62454  
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## **Soyland Power first to join community development program**

Soyland Power Cooperative, through its Soyland Development Corporation, will participate in a three-county community development corporation (CDC) in western Illinois. Soyland is the first organization to make a financial commitment to the project launched by Farmers State Bank and Trust of Jacksonville to organize a community development corporation to promote economic development in Cass, Scott and Morgan counties. The Farmers State Bank is a finalist from among a group of more than 400 applicants nationwide to launch bank CDC programs with help from the United States Economic Development Administration. In addition, the three-county CDC has been selected by the Illinois Department of Commerce and Community Affairs to be one of five demonstration projects and will receive a \$200,000 grant. Soyland has committed \$100,000 to the project. The Cass, Morgan and Scott counties bank CDC will receive technical assistance from the U.S. Economic Development Administration and will provide initial funding for development projects to enable developers to qualify for bank loans. Douglas A. Dougherty, director of economic development for Soyland Power, explained that participation in the bank CDC compliments Soyland's efforts to encourage community development and promote job creation: "The investment by Soyland Development Corporation will leverage local bank dollars, local government economic development funds and State of Illinois dollars. This public-private partnership will create an environment for business growth and economic gains for local citizens."

## **Corn, soybeans continue to dominate Illinois' agriculture**

Corn and soybeans were the leading agricultural commodities in 1987 with sales of \$4 billion, figures from the Commerce Department's Census Bureau show. All grains accounted for 61 percent of Illinois' agricultural sales. The 1987 Census of Agriculture shows that Illinois' total agricultural sales amounted to \$6.4 billion. The state's hog and pig inventory totaled 5,642,991, including 748,216 for breeding. This was 6 percent below the 5,988,994 total reported in 1982. Some 9,879,960 hogs and pigs were reported sold in 1987, of which 1,472,351 were feeder pigs. All livestock, poultry, and their products accounted for 35 percent of Illinois' agricultural sales. The 88,786 Illinois farms counted in 1987 were 10 percent fewer than in 1982, when the last agriculture census was taken, some 71 percent had 1987 sales of \$10,000 or more, and 22 percent had sales of \$100,000 or more. Production expenditures for the state's agricultural operations came to \$4.6 billion. Agricultural operators paid 21 percent less for commercial fertilizers, and 22 percent more for hired farm labor. They spent 5 percent less for livestock and poultry feed.

## **Bankruptcy code no shield from power charges**

A bankruptcy court has ruled that a Louisiana distribution cooperative, Washington-St. Tammany Electric Cooperative, must pay its electric supplier, Cajun Electric Power Cooperative, the full contract price for power plus all back charges that it tried to avoid after filing Chapter 11 under the federal bankruptcy code. The distribution cooperative had filed for Chapter 11 reorganization in mid-1987 and since that time paid the power cooperative only what it considered to be "a fair market value" for its wholesale electric power purchases. Cajun supplied electric power to the distribution cooperative since the bankruptcy filing; however, the distribution cooperative paid Cajun only a portion of what it owed. The federal bankruptcy judge ordered the distribution cooperative to pay all back charges and the full cost of electricity to Cajun.

## **Rural electrics have good payment record**

The federal government may have been forced to write off many of its wide-ranging loans in recent years, but "the rural electric program has not contributed to that problem," an analysis by the National Rural Electric Cooperative Association (NRECA) finds. NRECA is the Washington, D.C., service organization for the nation's 1,000 nonprofit rural electric systems. The report, which includes figures through the fiscal year that ended last September, shows that only two loans made by the Rural Electrification Administration (REA), the Agriculture Department agency that lends money to rural electric and telephone cooperatives, have resulted in foreclosures. Those loans totaled less than \$45,000 and were written off more than 40 years ago. Late payments represent less than 1.5 percent of the loans and guarantees REA has approved in its 54-year history. Electric co-ops can take pride in that record, Bob Bergland, NRECA executive vice president says. "Rural electric systems have one of the best loan repayment records in the country. Not many industries could claim they haven't experienced a foreclosure in more than 40 years."

# Norris Electric News



A handful of ripe blueberries ready for picking. Insets from top, John, Gerald.

## Retirement's the berries

The term "retirement" means different things to different people, and John and Gerald Benson, and their wives, Martha and Claribel, have a retirement that's different from what they'd expected. In some ways, their U-Pick berry operation keeps them busier than they were when they "worked."

Their operation is on Route 33, in Lawrence County, and is about eight miles north of Vincennes, Indiana, on the Illinois side of the Wabash River. They believe their riverfront farm—which has been in the family for years—is the eastern-most farm in Illinois.

"We thought things through pretty carefully" John says with a laugh, "before we got into this business. We knew that we'd have to irrigate anything we'd plant, so we decided to go for a specialty crop, because we couldn't see us making much money irrigating corn and beans. We started out with 10 rows, each half a mile long, and now we

have a hundred rows.

"Actually, it's turned out that we're not making a great deal of money irrigating blueberries and red raspberries, either, but our reasoning was that a specialty crop would be the best bet," he notes.

John had been a farmer for many years, and he and Martha spend the "off season" at their home in Elliott, in Ford County. Gerald had been the county superintendent of schools in Olney.

They weren't always berry enthusiasts, Claribel notes. "Martha and I kind of encouraged them to get into some kind of retirement activity. We welcomed anything that'd get them out of the house!"

And the operation did accomplish that. From the time the blueberries come ready to pick about mid-June, until the raspberries are run off by a good frost, both couples are busy at the patch. "We're open for business from 7 a.m. to 8:30 p.m. during the picking season

through the summer," Martha says, "and during regular business hours until October. We work like mad during some of those times."

They also hire area kids to help with the picking and packing.

Like many people who switch from one kind of farming to another—or from school administering to farming—they've made mistakes. They were a bit surprised to learn that a blueberry plant takes as many as seven years to bear fruit, and they had to replace their entire irrigation system, too.

However, there's a fringe benefit to the new irrigation system. "We put in a big new electric pump a couple of years ago," Claribel says, "and the neighbors love it. They came—from literally miles around—to get tanks of water as their wells ran dry."

The Bensons, all of them, note that they're busier than ever, and enjoying "retirement" immensely!

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1958 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Wesley Goins, RR 3, Lawrenceville, IL 62439  
 Jack Golden, 1205 N. Fair St., Olney, IL 62450  
 Mark Golden, RR 1, Altamont, IL 62411  
 John J. Goldstein, RR 2, Effingham, IL 62401  
 Oscar Goleman, Casey, IL 62420  
 Ralph Goltl, RR 2, Effingham, IL 62401  
 Lawrence Good Sr., RR 3, Oblong, IL 62449  
 Orris Good, Oblong, IL 62449  
 Orlan Goodin, RR 2, Oblong, IL 62449  
 E.A. Goodlink, Palestine, IL 62451  
 C.D. Goodman, RR 3, Oblong, IL 62449  
 Charles Goodman, Oblong, IL 62449  
 Hattie Goodman, RR 4, Sumner, IL 62466  
 Denzil Goodwin, RR 1, Yale, IL 62481  
 Edwin A. Goodwin, RR 2, Palestine, IL 62451  
 Frank J. Goodwin, RR 3, Robinson, IL 62454  
 Fred B. Goodwin, c/o Ralph Goodwin,  
 200 W. Houghton, Tuscola, IL 61953  
 George Goodwin, Flat Rock, IL 62427  
 Keith Goodwin, RR 4, Robinson, IL 62454  
 N.F. Goodwin & Sons, RR 2, Palestine, IL  
 62451  
 Olan S. Goodwin, c/o Reba N. Goodwin,  
 RR 2, Palestine, IL 62451  
 Samuel Goodwin, 208 S. Ram St., Oblong, IL  
 62449  
 Wayne Goodwin, RR 1, Toledo, IL 62468  
 Arthur Gordon, RR 1, Toledo, IL 62468  
 Harold Gosnell, RR 1, Montrose, IL 62445  
 James Gosnell, Flat Rock, IL 62427  
 Sarah F. Gosnell, RR 3, Lawrenceville, IL  
 62439  
 William Gosnell, Flat Rock, IL 62427  
 Hobert Goss, RR 1, Robinson, IL 62454  
 Louis Goss, RR 1, Oblong, IL 62449  
 Mrs. Wm. Goss, 319 S. Morgan, Olney, IL  
 62450  
 Albert R. Gossman, RR 2, Dieterich, IL 62424  
 Orville Gouchenour, RR 2, Effingham, IL  
 62401  
 Earl W. Gowen, RR 2, Lawrenceville, IL  
 62439  
 Jesse S. Gowin, RR 3, Sumner, IL 62466  
 George E. Grabe, RR 2, Beecher City, IL  
 62414  
 Kenneth Grafton, RR 3, Martinsville, IL  
 62442  
 Archie Graham, Yale, IL 62481  
 Arthur Noel Graham, Yale, IL 62481  
 Joseph Graham, 3600 Sheffick Ave.,  
 Hammond, IN 46327  
 Lewis Graham, Noble, IL 62868  
 Noel Graham, Yale, IL 62481  
 Robert Graham, Box 103, Casey, IL 62420  
 Virgil Graham, RR 3 Box 18, Sumner, IL  
 62466  
 L.C. Grandfield, Box 86, Robinson, IL 62454  
 Excelsior Grange, c/o J.W. Davis, RR 1,  
 Robinson, IL 62454  
 Albert Grant, Annapolis, IL 62413  
 N.L. Grant, Bridgeport, IL 62417  
 Adrian Gray, RR 1, Claremont, IL 62421  
 Albert Gray, Yale, IL 62481  
 C.W. Gray, Yale, IL 62481  
 Chas. W. Gray, RR 1, Sumner, IL 62466  
 J.P. Gray, RR 6, Olney, IL 62450  
 Martie Gray, Toledo, IL 62468  
 R.A. Gray, 310 W. Butler St., Olney, IL 62450  
 Ralph Gray, RR 2, Oblong, IL 62449  
 Mrs. Selma Gray, c/o Doris Bishop,  
 507 Elmhurst, Port Lavaca, TX 77979  
 Arthur Green, 1008 North Lincoln,  
 Robinson, IL 62454  
 Carl Green, Sumner, IL 62466  
 Green Hill Meth. Church, c/o Lewis Meek,  
 Palestine, IL 62451  
 Hugh Green, Altamont, IL 62411  
 James Green, RR 2, Casey, IL 62420  
 James H. Green, c/o Ralph Potts, RR 1,  
 Lawrenceville, IL 62439  
 Noble Green, RR 1, Martinsville, IL 62442  
 Robert L. Green, Olney, IL 62450  
 Greenup Lions Club, c/o Russell Waterford,  
 Greenup, IL 62428  
 Mrs. Merle Greenwell, RR 1, Martinsville, IL  
 62442  
 Lee Greenwood, RR 5, Olney, IL 62450  
 Glen Greeson, RR 1 Box 149, Toledo, IL  
 62468  
 R.W. Greeson, Toledo, IL 62468  
 Harry Gregor, 922 N. Merchant, Effingham,  
 IL 62401  
 Mary Gregor, Teutopolis, IL 62467  
 Harry Gregory, RR 1, Dieterich, IL 62424  
 Ray Gregory, Louisville, IL 62858  
 Wm. L. Gregory, Claremont, IL 62421  
 Leo G. Greifzu, RR 5, Olney, IL 62450  
 Sam S. Gressel, RR 2, Effingham, IL 62401  
 Oliver Grider, 909 N. 2nd St., Vincennes, IN  
 47591  
 Gaylord Griep, RR 3, Robinson, IL 62454  
 Clarence Griesemer, RR 2, West Salem, IL  
 62476  
 Lee J. Grieves, RR 6, Olney, IL 62450  
 Jess Griffet, RR 8, Decatur, IL 62522  
 Wm. D. Griffin, c/o Marion Walker, Box 546,  
 Olney, IL 62450  
 Mrs. O.H. Griffith, RR 1, Oblong, IL 62449  
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 Mrs. Ethel Griggs, Bridgeport, IL 62427  
 M.I. Grinestaff, RR 5, Olney, IL 62450  
 Nelson Grissom, RR 2, Toledo, IL 62468  
 C.M. Griswold, RR 4, Robinson, IL 62454  
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 120 Campbell St., Geneva, IL 60134  
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 Jesse Groff, Sumner, IL 62466  
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 c/o Pauldean G. Caners,  
 715 W. Briar Place, Chicago 14, IL 60657  
 M.S. Groscopec, Vincennes, IN 47591  
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 Ira Gross, RR 3 Box 123, Casey, IL 62420  
 Omer Gross, RR 2, Casey, IL 62420  
 Walter Gross, c/o Eugene R. Deverick,  
 504 S. Central, Casey, IL 62420  
 John B. Grove, RR 2 Box 113, Greenup, IL  
 62428  
 J.A. Groves, RR 4, Casey, IL 62420  
 Leslie Groves, RR 1, Lawrenceville, IL 62439  
 Otis Grove, Dundas, IL 62425  
 Roy Grove, Dundas, IL 62425  
 E.W. Groves, c/o John Groves, Jewett, IL  
 62436  
 J.A. Groves, RR 4, Casey, IL 62420  
 Hewing & Grunloh, RR 3, Effingham, IL  
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 Grupe, RR 2, Effingham, IL 62401  
 Treverse J. Guess Jr., 4900 Tennessee, Gary,  
 IN 46409  
 Arden Guizzatti, Eaton, IL 62454  
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 West York, IL 62478  
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 GSE 2nd St., Evansville, IN 47711  
 Donald E. Gullion, RR 1, Lawrenceville, IL  
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 Edward Gumble, Noble, IL 62868  
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 IL 62439  
 Inza Walden Haddock, 316 North 9th St.,  
 Casey, IL 62420  
 Harvey Haerr, RR 7, Olney, IL 62450  
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 Roy Hager, RR 1, Sumner, IL 62466  
 John W. Hagy, RR 1, Olney, IL 62450  
 Anthony Hahn Est., Leland, IL 60439  
 Gus Hahn, Burgin Manor -2, 900 E. Scott,  
 Olney, IL 62450  
 Otto Hahn, Box 401, Olney, IL 62450  
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 IN 47591  
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 IL 62863  
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 IL 62439  
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 Vernon Hamblin, RR 1, Robinson, IL 62454  
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# GFCI: lifesaver

This is one in a series of consumer-oriented articles relating to home energy use. The articles are prepared in coordination with the Association of Illinois Electric Cooperatives Member Services/Power Use Section, which is made up of staff personnel of the state's electric cooperatives who are directly involved in consumer energy efficiency activities.

Many people have the misconception that a common, 120-volt circuit is not very dangerous. They probably have made accidental contact with a "live" wire, got a sharp, unpleasant but brief shock, and that was all. However, if the conditions are right, 120 volts can kill.

There are several factors that affect the amount of electrical shock to the human body. They are:

- **Time**—How long did the body receive the electrical shock?
- **Path**—What parts of the body did current flow through? (Example: An arm-to-arm path will allow current to flow through the heart.)
- **Quantity**—How much current passed through the body?
- **Resistance**—Was the body perspiring? Was the body standing in a damp area? Did the body have a cut or scratch where contact was made?

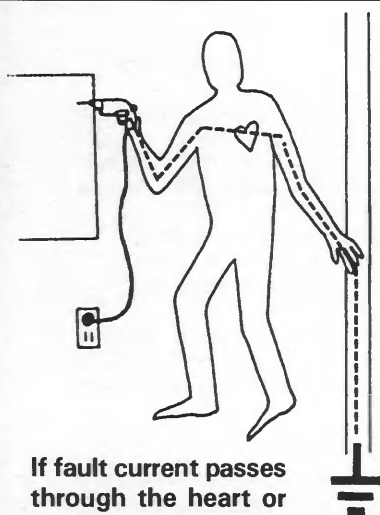
If the above conditions are "just right," a 120-volt electrical shock can be

fatal. For instance:

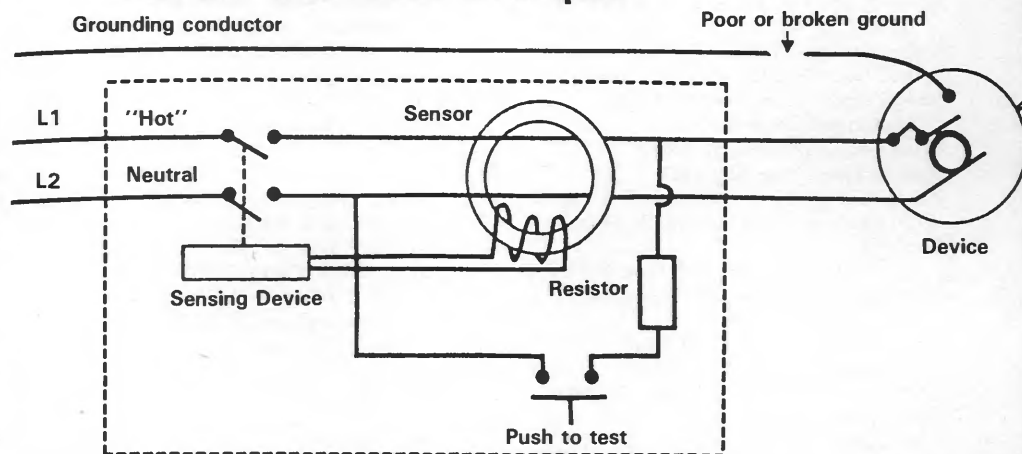
If a person is touching a faucet (which is grounded to the earth through the metal piping system) and reaches to turn on a faulty switch for the garbage disposal, the current flow is arm-to-arm directly across the chest. If the person is under a house lying on wet or damp soil using a faulty electric drill or trouble light, the result may be fatal. Or if a toddler standing barefoot on a heat register sticks fingers across the prongs a loosely plugged in cord, the shock may be fatal.

There are more people killed each year on 120-volt shocks than from high-voltage power lines. Anytime you feel a little "tingle" from an electrical appliance, be cautious. Disconnect it immediately and get a qualified electrician to inspect and correct it.

Fuses and circuit breakers are **not** designed to protect people. They are designed to protect electrical equip-



## Ground fault circuit interrupter



The sensor (differential transformer) reacts to an imbalance created when current leaks to ground. The imbalance is amplified by the sensing circuit to open the circuit breaker.



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For confinement due to mental illness, half benefits are paid for up to 30 days. Old health problems (those that became evident or were treated before the effective date of your policy) are not covered for the first year. But once that year is up, even a health problem you've had for years is covered!

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Husband-Wife	34.35	39.30
All-Family	44.15	49.10
One-Parent	28.25	31.00

### OPTION B

Pays \$1,500.00 A Month—\$50.00 A Day!

	39 & under	40 & over
	(use age of principal insured)	
Individual	\$12.95	\$14.95
Husband-Wife	24.35	28.05
All-Family	31.15	34.85
One-Parent	19.75	21.75

### OPTION C

Pays \$900.00 A Month—\$30.00 A Day!

	39 & under	40 & over
	(use age of principal insured)	
Individual	\$ 8.55	\$ 9.95
Husband-Wife	16.35	19.05
All-Family	20.75	23.45
One-Parent	12.95	14.35

**NOTE:** Your renewal rate does not increase when you move from one age group to another.

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**Enroll Today—Here's How:** Complete your guaranteed acceptance form and mail with \$1.00 to: Physicians Mutual Insurance Company, 2600 Dodge, P.O. Box 3313, Omaha, Nebraska 68172.

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(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

<b>Choose the Plan You Want</b> <small>(check one)</small> <input type="checkbox"/> Individual Plan 4 <input type="checkbox"/> All-Family Plan 1 <input type="checkbox"/> Husband-Wife Plan 3 <input type="checkbox"/> One-Parent Plan 2	<b>Select Option You Prefer</b> (check one) <input type="checkbox"/> <b>OPTION A</b> Pays \$2,250.00 a month (\$75.00 a day) 48991-503 <input type="checkbox"/> <b>OPTION B</b> Pays \$1,500.00 a month (\$50.00 a day) 48991-502 <input type="checkbox"/> <b>OPTION C</b> Pays \$900.00 a month (\$30.00 a day) 48991-501
---	--

<b>Information About Your Spouse</b> <small>(complete if you have chosen the Husband-Wife or All-Family Plan)</small>		
SPOUSE'S NAME _____		
<small>First Middle Initial Last</small>		
DATE OF BIRTH _____		SEX _____
<small>Month Day Year</small>		

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

SIGNED X \_\_\_\_\_ DATE \_\_\_\_\_  
Insured's Signature SIGN—DO NOT PRINT

Form E-500-1 Please make check or money order payable to: Physicians Mutual 2600 Dodge P.O. Box 3313 Omaha, Nebraska 68172 P503/502/501-4844A

# Norris Electric News



Dan, Kristen and Justin with a couple of the "family cars."

## Speeders

Dan Miller of Effingham is big into Corvettes and Fairmonts. He's fulfillment manager for Mid America Designs, an Effingham-based mail order company that specializes in Corvette parts and accessories.

The Fairmonts he's interested in are a form of car, too, but they're not the well-known Ford product. Rather, they're the little vehicles that used to tear hither and yon up and down the railroads of America, carrying men who inspected the rails, and the crews who repaired them.

"They came in different sizes," Dan says, adding, "the smaller ones were usually made to carry one or two people, such as inspectors, and the larger ones carried work crews made up of three or four men, or more."

He has three of the little cars, and all are Fairmonts, and all were made in Fairmont, Minnesota, where the company still turns the little rascals out, although not in the numbers it used to.

"I got interested in them when I

was growing up over in Dieterich," he says, "and a family friend, Pete Rush, was a section foreman for the Illinois Central Railroad. I'd watch him go by on one and wave at him. He always waved back, and I always got a kick out of it."

A few years ago, he took steps to relive those memories, and bought an old motorcar, or "speeder," which was in need of a loving restoration. "My wife, Martha, isn't terribly excited about the cars," Dan says, but my son, Justin, helped. My daughter, Kristen, loves to ride on it."

He has since gotten two more. "I have two M-9s," he says, "and an M-19. My first M-9 is a 1947 model, and it was used by the ICRR. I restored it in the yellow color that was in use then. The later ones were orange, and that's the color of my M-19."

The little cars were Spartan, to say the least. Few of them were delivered with seats, although one of his has a folding seat. On the others, riders sat sidesaddle-fashion on the engine compartment. Such

frills as tops and sides were optional, and many were provided with canvas curtains for the sides.

"The cars were made almost entirely of aluminum," Dan says, "and only the wheels and fenders were made of steel. There was a thin sheeting of steel over the plywood floorboards, too."

The controls are simple: there's a timing lever, a throttle, and brake and a lever to apply tension to the drive belt. There's an ammeter, an ignition switch, and switches for the lights and, in some cases, windshield wipers."

The little cars are becoming more popular all the time, Dan says, and there are various clubs and associations for enthusiasts. "There are meets going on all the time, all over," he says. "I went to the Motorcar Collectors of America convention in Paris, Tennessee, recently, and there were 50 cars there, and we had an opportunity to run them on 42 miles of short line track."

He notes that he had his speeder on its trailer on the way to the Paris meet, when a retired railroader flagged him down in a shopping center parking lot and started reminiscing. "He looked it over," Dan says, "and admired it a little bit, and gave me some pointers on how to make it run better. That's one of the things I like about this hobby—it gives you an opportunity to meet people who have the same interests."



A spartan speeder

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

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H.W. Hamilton, Yale, IL 62481  
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Howard Hammer, RR 1, Hidalgo, IL 62432  
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Ira Hampton, RR 3, Greenup, IL 62428  
John E. Hampton, Greenup, IL 62428  
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P.L. Hankins, RR 1, Altamont, IL 62411  
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Eugene Hanley, RR 2, Toledo, IL 62468  
John Hanley, RR 2, Jewett, IL 62436  
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Carl A. Hanna, RR 1, Wheeler, IL 62479  
James D. Hanna, 204 Miami, Robinson, IL 62454  
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Paul E. Hannel, RR 3, Lawrenceville, IL 62439  
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Donald Hardig, RR 1, Dundas, IL 62425  
Woodrow Hardig, Dundas, IL 62425  
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Hardinsville Prod. Co. Inc., Box 131, Olney, IL 62450  
Hardinville E. Chr. Ch. Par., c/o John Higgins, RR 4 Box 145, Robinson, IL 62454  
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Jess L. Hare, RR 3, Robinson, IL 62454  
George Hargis, RR 2, Oblong, IL 62449  
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Ronald Harrington, RR 2, Vincennes, IN 47591  
Wm. Tom Harrington, RR 2, Vincennes, IN 47591  
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Charles Harris, Mattoon, IL 61938  
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Kendall Harris, Willow Hill, IL 62480  
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Wm. Harris, RR 2, Willow Hill, IL 62480  
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Jacob Hart, Annapolis, IL 62413  
Richard Hart, RR 2, Toledo, IL 62468  
Ross Hart, Claremont, IL 62421  
Rosa Hartke, Dieterich, IL 62424  
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Tommy Hatfill, RR 2, Toledo, IL 62468  
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Orval R. Havely, 908 Cedar St., Marshall, IL 62441  
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Ed Hawes, RR 2, Greenup, IL 62428  
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Loren Heady, Willow Hill, IL 62480  
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Although the exhibit is free to the public, a ticket system will be employed to prevent crowding on board the floating museum. Advance registration is recommended

for tour groups and school field trips.

The Belle Reynolds tow boat is not fully handicapped accessible. A companion or parent should be present to accompany special visitors on board the vessel. A wheelchair will be available for use in the gallery areas.

For more information, call Mike Manning or Joan Gardner at 217/782-7386.

## Tour Schedule

<b>Date</b>	<b>Location</b>	<b>Local Celebration</b>	<b>Landing Site</b>
August 27	Peoria	Harvesting the River Launching Ceremony	Boatworks
August 28-30	Hennepin	150th Anniversary Courthouse Celebration	Riverfront Park
September 1-4	Illini State Park	Labor Day Weekend Celebration	Riverside Area
September 5-10	Joliet	Harvesting the River Citywide Festivities	Will-Joliet Bicentennial Park
September 11-14	Morris	Harvest the River Days	Stratton State Park
September 16-20	Starved Rock State Park	Turn of the Century Celebration	Riverside Area
September 21-23	Henry	Marshall County Sesquicentennial Celebration	Waterworks Park
September 24-26	Lacon	Month of the River Celebration	City Marina
September 28- October 1	Chillicothe	River Roaming Days	Cutright Park
October 2-8	Havana	Riverside Autumn Arts Fair	Riverfront Park
October 9-12	Beardstown	Fish Fry Celebration Revival	Main Street Riverfront
October 14-16	Kampsville	Old Settlers Day Celebration	Riverfront Park
October 17-23	Alton	Architectural Tour and Exhibit	Great River Road
October 25-27	St. Louis	225th Anniversary Salute	Gateway Arch
October 28-31	Grafton	Riverside and Wetlands Activities	Public Boat Launch
November 1-3	Hardin	Memories of the Illinois	Water Street Riverfront
November 4-6	Meredosia	Year of the River Festival	Public Boat Launch
November 8-12	Pekin	Days of the River	City Boat Launch
November 13-22	Peoria	Riverside Settlement History	Boatworks

Harvesting the River, and many of the local celebrations and special programs, will be open to the public free of charge.

# Norris Electric News



Luke Crouse, Jr., and his son, Jason, still log with horses. The horses came from the government's "Adopt a Horse" program, and are named Sugar and Sox. That's a 16-foot log they've just pulled out of the woods.

## Old-fashioned logging

There's a sight just south of Newton that you don't see very often any more. Luke Crouse, Jr., and his son, Jason, are logging the old-fashioned way, with horses.

There are several reasons, Luke notes, and one of them is that he's been around horses all his life and is comfortable with them. "And there are a lot of little patches of woods around where it wouldn't pay to set up a bigger operation. The woods are a little too thick in some places, too."

Luke, who lives near Wendelin, is almost a lifelong area resident. "My father and mother lived here," he says, "and moved down to Georgia. I was born there, and they moved back when I was three years old."

While Luke's horses are worked, they're not abused. "I take care of 'em because I like horses," he says "and because it's good business to take care of 'em. It's silly not to. I was working a team the other day

and noticed that one of the horses was beginning to chafe a little, so I harnessed up another one."

His operation is a little unusual in that he uses horses that he gets from the Federal Government's "Adopt a Horse" program, in which horses running wild out West—and multiplying rapidly—are caught and given to people who will provide homes for them.

"A lot of the mustangs that come out of that program are kind of small," Luke says, "but I asked for some particularly big ones, and these are just fine."

Horses, like people, are all different, and Luke notes that the horses he got were a good illustration of that fact. "I rode one horse four days after I got her," he says, "and another one was pulling logs after two weeks. The third is just starting to do well, and I've had 'em since last year."

Luke is not an "old time" en-

thusiast who shuns the modern ways, by any means. He and Jason, who's 13, cut trees with chain saws, and make occasional use of a tractor, too. And he trailers his horses to the work sites behind a truck.

Luke notes that the market for hardwood has changed dramatically over the years, and is much more erratic than it used to be. "Years ago," he says, "you could go out and cut oak, red oak, walnut, hickory, and just about any of the other good hardwoods, and know you could sell it for a fair price."

"Anymore," he says, "the markets for different woods come and go, and a lot of times a log's worthless by the time you get it cut. I've gotten an awful lot of headaches trying to keep up with the Market. I won't cut out a tree unless I know for sure, that I'm going to be able to sell it, and where. Things aren't like they used to be, even logging with horses."

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

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 Dale Heiden, RR 1, Effingham, IL 62401  
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 Vernon Helms, RR 1, Flat Rock, IL 62427  
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 C.C. Henderson, RR 2 Box 103, Greenup, IL 62428  
 Eva Henderson, RR 2, Toledo, IL 62468  
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 William Henderson, RR 3, Robinson, IL 62454  
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 Chester Henry, RR 4, Olney, IL 62450  
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 Voris Lee Hesler, RR 3, Sumner, IL 62466  
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That's right! Grows higher than even a full grown Flowering Dogwood IN JUST ONE SINGLE SEASON! Grows higher than even a full-grown Star Magnolia IN JUST ONE SINGLE YEAR!

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

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

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

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

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

**VITAL STATISTICS FROM LEADING EXPERTS**

**MATURE GROWTH SIZE:** as much as 40 to 65 feet

**MATURE SPREAD:** as much as 30 to 35 feet

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

**LIGHT NEEDS:** Grows beautifully in Sunny location.

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

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

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

**WE HAVE AT THIS MOMENT ONLY A LIMITED SUPPLY AVAILABLE FOR RELEASE TO THE PUBLIC—FULL SUPPLY WON'T BE READY UNTIL 1990 SO ACT NOW!**

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

That's right, only \$3.95 for this magnificent Beauty that rewards you with such a glorious display of growth IN JUST ONE SINGLE YEAR. However, our supply is limited! Full supplies from the growing fields will not be ready until late 1989 or early 1990. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... **ACT NOW!**

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



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

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



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

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

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





# horses

involved in a string of gasoline stations in Indiana.

"The place needed a lot of work," Brett says. "It was plowed up when we got it. We sowed the pastures in bluegrass and 70 acres in hay, and there was an old unused road through the place that we needed to have closed. Then we set to work like mad building board fences.

"Well," the Eastern Illini Electric Cooperative member laughs, "it didn't take long for us to get tired of doing that, so we finished up with rubber fences. Then we set up a track to run the horses on, cleaned the place up a bit, and we were ready to go."

They hired Don Ames "to do a little bit of everything," and brought in the horses. They usually have anywhere from 12-20 head on the place at any one time, usually about 15, which they race mostly in the Chicago area. There are 100 head of

horses on the farm year round—broodmares, weanlings, yearlings, and two stallions that breed 70 mares a season.

"Racing and training horses is a year-round business," Brett says, "and my grandfather's training farm in Florida's a big help through the winter in preparing new horses to race in Chicago."

It surprises many people, he says, to learn that winter time is a busy season for harness racing.

While many people think a lot of money is all that's needed to get a string of horses going, the Wilfongs say that's not true. Perseverance, dedication, good judgment, a good business sense and a lot of hard work can be substituted, at least in part, for some of the necessary money. "It costs a lot, especially now, and we're fortunate to have been in it a long time," Brett says.

The family's long experience comes into play particularly when it comes time to decide which horses to keep and which to sell. Lynn and Brett occasionally go through the herd, checking carefully for just the right conformation and looking for the subtle differences that separate winners from also-rans.

Those that show promise are trained and, when they're ready, are taken to the races. Iroquois River Stables occasionally stables and trains horses for others, too. In fact, a Milwaukee Brewers pitcher has a horse there now. "We don't really make that much of a practice of training other people's horses, though," Brett says.

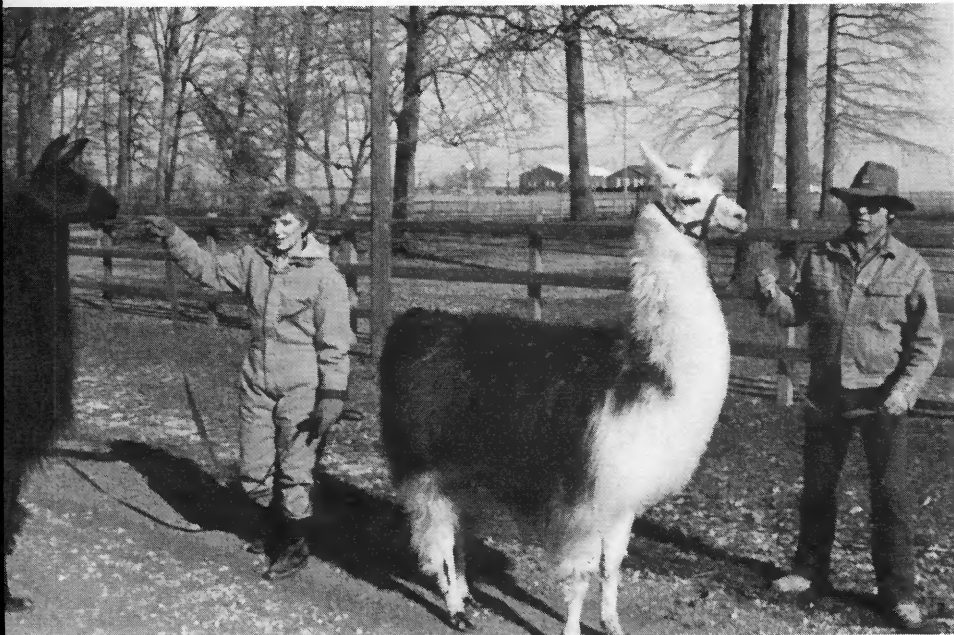
One advantage to the Wilfongs' business, Candy notes, is that it can be a family thing. "Every once in a while," she says, "we'll load the horses in a trailer, bundle up the kids, and take them with us. Brittany's 5, and she enjoys the outings. Blake, who's one year old, is a little young to appreciate the trips yet, but we're working on it. Sometimes we have neighbors come along, and that makes it better yet."

"The unique thing about this operation is that we breed, raise, train, and race our own horses year-round," Brett says.



**Brett Wilfong leads one of the Iroquois River Stables horses.**

# Norris Electric News



Lloyd and Libby Nash display a couple of the 17 llamas they're raising on their farm near Martinsville. They note that there are many misconceptions about the unusual animals.

## How about llamas to add diversity?

Lloyd and Libby Nash, who have a diversified electrical contracting and farming operation, are diversifying a little more. They're now raising llamas, the South American animal that has found much favor lately with American animal fanciers. They raise the gentle, unusual-looking animals at their farm near Martinsville, near where Lloyd was born and raised.

Their two sons, Mike and Phil, live on adjoining places, and daughter Janet lives five miles down the road. Lloyd and Libby have four grandchildren, who gladly take advantage of opportunities to ride the woolly animals.

"Llamas are native to the Andes Mountains," Lloyd says, "and they are still used a lot there as beasts of burden. They're kept for their wool and used for meat, too. In this coun-

try they're mostly kept as pets, although they're popular in some places as pack animals on wilderness outings. They're used as guard animals out west, too."

While friends and neighbors were a little surprised when the Nashes brought home a llama, nobody was more surprised than they were. "If you'd told me a few years ago that I'd be a llama man," Lloyd says with a chuckle, "I'd have said you had rocks in your head. Now, here I am with 17 of them and looking for more."

While the llamas are lovable animals, at least to many, the Nashes bought theirs for a more hard-headed reason than that. They looked like a good investment. "We read several magazine articles about them," Libby says, "and they really intrigued us. We found out that

there was a place nearby that had them. There was a holiday weekend coming up, and we made plans to go visiting."

Lloyd adds, "We read so many good things about llamas that they seemed too good to be true, so we went to see for ourselves, and learned that what we'd read was true. We both liked the animals and decided that raising them would be something we'd both like to do."

"We hope to get a pretty good herd going," Libby says, "and we'd like to have about 20 females before long."

Llamas are fairly simple to take care of, the couple notes, and can eat almost anything. "They have three stomachs," Libby says, "and they utilize feed well. They won't founder, but we have trouble keeping them from getting fat." The llamas are given from half a pound to a pound of 10-12 percent protein feed daily, and a bale of hay a week for each adult. An acre of pasture will keep three to five head, they say.

The ease of care was an important point, because the Nashes were looking for something they'd enjoy doing, that would produce something that is reasonably marketable, and that would give them a fairly good return on their investment.

"Their wool brings a good price," Libby says, "and there are weaving guilds that buy it. And llamas are really saleable. It seems as though all you need to do to sell one is to make a phone call or two."

The animals aren't as antisocial as many seem to think, they say, and the tendency to spit is especially exaggerated. The llamas hum to each other, and make a shrill gurgling noise when they're startled, the Nashes say.

All in all, getting into the llama business looks like an intriguing way to diversify an already diverse business—and provide a little enjoyment for the grandchildren, too.

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Lillie Holste, RR 1, Altamont, IL 62411  
Ralph Holstein, RR 1, Olney, IL 62450  
Thomas Van Holstyn, RR 1, Lawrenceville, IL 62439  
Anna B. Holt, Dieterich, IL 62424  
James Holt, Willow Hill, IL 62480  
Harry E. Holtz, RR 6, Olney, IL 62450  
Luther Holtz, RR 6, Olney, IL 62450  
Blanche Homan, RR 2 Box 242, Robinson, IL 62454  
Ardilla Homann, Glenview, IL 60025  
Emory Homann, Mattoon, IL 61938  
Fred Hooibrink, 417 63rd St., Downer Grove, IL 60515  
Ray W. Hoop, Box 303, Beverly Shore, IN 46301  
Hopewell Church, c/o Gay Staley, Martinsville, IL 62442  
Hopewell Baptist Church, Green Briar Dr., RR 3, Mattoon, IL 61938  
B.C. Hopkins, Mason, IL 62443  
Hopkins Drilling Co., P.O. Box 582, Mt. Vernon, IL 62864  
Kenneth Hopkins, Robinson, IL 62454  
Emmett Horath, 1040 S. Washington, Kankakee, IL 60901  
James Horath, RR 2, Mason, IL 62443  
Lovell Horath, RR 4, Robinson, IL 62454  
Lowell Horath, 1040 S. Washington, Kankakee, IL 60901  
Harold E. Horner, 1705 Park St., Vincennes, IN 47591  
O.G. Horning, c/o Mrs. Mary Hargraves, 837 S. Clinton, Defiance, OH 43512  
Harry Horrick, 803 W. Lafayette, Effingham, IL 62401  
J. Alton Horst, Sumner, IL 62466  
Ray C. Horton, RR 1, Bridgeport, IL 62417  
Martha Hoskins, Box 281, Robinson, IL 62454  
Houchins Drilling Co., Box 218, Mt. Carmel, IL 62863  
Howard J. Houk, Vincennes, IN 47591  
James Houk, Vincennes, IN 47591  
Carl House, 1505 N. Lincoln, Robinson, IL 62454  
House Propane Co., c/o Fred House, 1929 Treat Drive, Midwest City, OK 73110  
Robert House, St. Francisville, IL 62460  
Bernie Houser, RR 1, Hidalgo, IL 62432  
Charles Houser, Rose Hill, IL 62457  
Charles Houser, Greenup, IL 62428  
Charles Houser, RR 3, Olney, IL 62450  
C.W. Houser, RR 1, Hidalgo, IL 62432  
Everett W. Houser, 207 S. Pike, Palestine, IL 62451  
Herman Houser, 405 E. Emmon St., Robinson, IL 62454  
Elizabeth Housh, RR 7, Olney, IL 62450  
Charles R. Hout, RR 3, Robinson, IL 62454  
Chester Hout Jr., RR 3, Robinson, IL 62454  
Lillie Hout, Route 33, Robinson, IL 62454  
Palmer Hout, RR 6, Olney, IL 62450  
Ruth L. (Graham) Hout, 601 W. Vonderer St., Newman, IL 61942  
Willie R. Hout, RR 3, Robinson, IL 62454  
Harold Hovis, RR 2, Altamont, IL 62411  
Orba Howard, 508 S. Main, Benton, IL 62812  
Paul Howard, RR 3, Oblong, IL 62449  
Raymond Howard, Casey, IL 62420  
Thomas Howard, RR 1, Browns, IL 62818  
Wm. Howard, RR 2, Casey, IL 62420  
A.B. Howe, RR 1 Box 627G, Lake Placid, FL 33852  
Archie Howe, Oblong, IL 62449  
Archie Howe Oil Well, Sterling, MI 48659  
Iva G. Howe, RR 1, Robinson, IL 62454  
J.A. Howe, RR 2, Oblong, IL 62449  
J.H. Howe, Casey, IL 62420  
James A. Howe, c/o Mrs. Odessa Howe, RR 2, Oblong, IL 62449  
J.O. Howell, 209 Vincennes, Palestine, IL 62451  
Jesse Howell, Sumner, IL 62466  
Mrs. Byard Howerton, RR 1, Lawrenceville, IL 62439  
Elmer Howerton, RR 1, St. Francisville, IL 62460  
Rolla Howerton, c/o Ruby Wilson, 3333 Weir, San Antonio, TX 78226  
A.E. Hoyer, P.O. Box 657, Carbondale, IL 62901  
H&S Oil Co., c/o M.B. Fuchtmann, Box 104, Lawrenceville, IL 62439  
Harry Hubbard, Wheeler, IL 62479  
Fred Hubble, c/o Eileen Hubble, 129 E. Foster, Olney, IL 62450  
Leon Hubble, RR 7, Olney, IL 62450  
J.L. & Marie Huber, Willow Hill, IL 62480  
Benny Huddleston, RR 1, Oblong, IL 62449  
Carl M. Huddlestun, RR 3, Greenup, IL 62428  
C.T. Huddlestun, 207 S. Division St., Casey, IL 62420  
Forrest Huddlestun, Hidalgo, IL 62432  
Marcell Huddlestun, Greenup, IL 62428  
Marvin S. Huddlestun, Greenup, IL 62428  
Orval Huddlestun, c/o Carl M. Huddlestun, RR 3, Greenup, IL 62428  
Ota Huddlestun, RR 3, Greenup, IL 62428  
Synthelia Huddlestun, Yale, IL 62481  
Wordie Huddlestun, RR 2 Box 123, Greenup, IL 62428  
Dana Hudelson, Inc., University at 3rd, Champaign, IL 61820  
J.M. Hudson, Flat Rock, IL 62427  
Robert Hudson, RR 2, Flat Rock, IL 62427  
Huff Bros, c/o John Huff, RR 1, Jewett, IL 62436  
Mrs. John Huffman, RR 1 Box 136, Toledo, IL 62468  
John W. Huffman, RR 1 Box 56, Toledo, IL 62468  
Bertis Hughes, 1103 8th St., Lawrenceville, IL 62439  
E.B. Hughes, RR 4, Robinson, IL 62454  
Melvin Hughes, RR 1, Bridgeport, IL 62417  
Raymond G. Hughes, Lawrenceville, IL 62439  
W.J. Huisinga, Casey, IL 62420  
Elzia Hulfachor, RR 2, Sumner, IL 62466  
Eugene Hulfachor, Mt. Carmel, IL 62863  
Bert Humes, Flat Rock, IL 62427  
Arthur Hummel Jr., RR 4, Robinson, IL 62454  
H. Eugene Humphres, Oblong, IL 62449  
Ray J. Hunckler, Rr 2, Vincennes, IN 47591  
James Hundley, -1 Hunley Dr., Olney, IL 62450  
James Hunley, RR 1, Olney, IL 62450  
Mary Hunsaker, c/o Thelma Trigg, 302 S. East 4th, Casey, IL 62420  
Clem A. Hunt, Yale, IL 62481  
Clyde E. Hunt, 1210 Edgar St., Evansville, IN 47710  
G. Reuben Hunt, Willow Hill, IL 62480  
Melvin Hunt, RR 1, Mt. Carmel, IL 62863  
Mrs. Paul Hunt, 414 W. Butler St., Olney, IL 62450  
Roy S. Hunt, Box 341, Lawrenceville, IL 62439  
William G. Hurst, P.O. Box 51, Conway, SC 29526  
Alva Hurt, c/o Helen Jenkins Adm., 607 Randolph, Champaign, IL 61820  
Ethel Hurt, RR 3, Casey, IL 62420  
George W. Hurt, RR 2, Willow Hill, IL 62480  
H.A. Hurt, c/o Harold Hurt, RR 3, Casey, IL 62420  
Nellie Hurt, Willow Hill, IL 62480  
Phillip Hurt, RR 2, Casey, IL 62420  
Tell Hurt, Martinsville, IL 62442  
Husk & Holleman, P.O. Box 264, 207 Rookery Bldg., Evansville 5, IN 47708  
Jess Huston, Sumner, IL 62466  
M.G. Hutchins, Dieterich, IL 62424  
Roy E. Hutchison, Willow Hill, IL 62480  
Sylvan Hutchings, St. Francisville, IL 62460  
W.H. Hutton, RR 1, Lerna, IL 62440  
Floyd Hyatt, RR 1, Robinson, IL 62454  
Glenn M. Hyde, RR 4, Olney, IL 62450  
Will Ice, RR 2, Vincennes, IN 47591  
Goldie D. Icenogle, Montrose, IL 62445  
Gerald Ikemire, RR 3, Robinson, IL 62454  
Ira Ikemire, RR 2, Robinson, IL 62454  
Leonard A. Ikemire Est., c/o Robert Whittmer, Oblong, IL 62449  
W.C. Ikemire, Willow Hill, IL 62480  
Herschel Ilant, 2007 12th St., Lawrenceville, IL 62439  
Ed Immel, RR 2, Oblong, IL 62449  
Byrl Inboden, RR 3, Robinson, IL 62454  
Dean Inboden, RR 1, Willow Hill, IL 62480  
Fay Inboden, RR 4, Robinson, IL 62454  
Mrs. Freda Inboden, Star Route, Robinson, IL 62454  
Jack Inboden, RR 3, Oblong, IL 62449  
Jack R. Inboden, Star Route, Robinson, IL 62454  
Keith Inboden, RR 3, Oblong, IL 62449  
Kenneth Inboden, RR 3, Robinson, IL 62454  
Kenneth Inboden, W. Ash St., Robinson, IL 62454  
Max C. Inboden, 410 S. Jefferson, Robinson, IL 62454  
Max C. Inboden, RR 4, Robinson, IL 62454  
Ray Inboden, RR 4, Robinson, IL 62454  
Richard G. Inboden, RR 2, Robinson, IL 62454  
Robert Inboden, RR 3, Oblong, IL 62449  
U.G. Inboden, RR 2, Robinson, IL 62454  
Dale Ingram, RR 2, Toledo, IL 62468  
Ray Ingram, 711 W. Fayette, Effingham, IL 62401  
T.A. Ingram, Jewett, IL 62436

# Caulking tips

**This is one in a series of consumer-oriented articles relating to home energy use. The articles are prepared in coordination with the Association of Illinois Electric Cooperatives Member Services/Power Use Section, which is made up of staff personnel of the state's electric cooperatives who are directly involved in consumer energy efficiency activities.**

Caulking compounds are materials used to fill, cover and seal cracks and construction joints in houses. This, of course, stops air and moisture infiltration and will reduce your home heating and cooling bills. Here are some of the areas where caulking compound should be checked and applied each year, if needed:

1. Exterior joints where window and door frames meet siding
2. Corners formed by siding
3. Where exterior masonry fireplace chimney meets siding
4. Where porch meets siding
5. Joints between the foundation and the wall siding
6. Where sill plate meets foundation
7. All other exterior openings

Do not caulk the holes that are commonly found in vertical mortar joints along the bottom of bricks walls. These weep holes are to drain

moisture that penetrates the wall. Also, do not caulk the bottom of the combination screen and storm sash. It is necessary to allow drainage of water that can accumulate between the window and the combination frame when the storm window is open and the screen is in place.

If old caulking is flaking or cracking, it should be replaced. Remember to clean old joints first to get good adhesion. Be certain to check other areas which could be sources of undesirable air infiltration. As a general rule, caulking should be applied wherever two different materials or parts of the house meet.

There are three basic classes of caulking compounds. Be sure to read the label on the caulking compound before you purchase. There is a variety of caulking compounds within each base type. Acrylic-latex caulking compound gives good results for many jobs, but check other products if you have a special need.

You can apply caulking with a few low-cost tools and a little practice. When you load your caulking gun, cut the tube open with a sharp knife at a 45 degree angle near the end of the tapered portion. The ability to lay a nice uniform bead comes with a little practice.

These few suggestions will help you do a more professional job and help reduce air infiltration, one of the biggest sources of energy waste.



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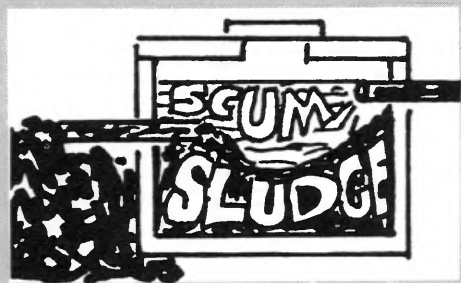
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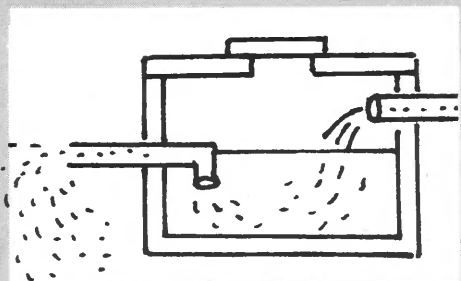
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How many septic tanks? \_\_\_\_\_

# Norris Electric News

## A third year for energy conservation grants

Grants of up to \$1,500 are again available for eligible Norris Electric Cooperative members for their use in making qualified weatherization and other energy related improvements to their residences. This marks the third and final year the Rural Home Energy Program is being offered to members through the Illinois Department of Energy and Natural Resources and their local electric cooperative. Grant money totaling \$1.6 million is being allocated statewide for 1989-90.

### Income guidelines

A grant of up to \$1,500 is available to any electric cooperative member whose household income is 80 percent or less than the cooperative service area's median income. This is a total grant, with no matching funds required by the applicant.

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

Members who have received the maximum grant amounts under the program in previous years are not eligible for any more grant monies.

### Qualifying projects

This list of projects that are eligible for funding through the program has changed since last

year. On some items, there is a dollar limit on the amount of funding allowed. In no case is the subsidy provided for more than the cost of the work, or \$1,500.

- Insulation projects for walls, ceilings, attics, foundations, crawlspaces, floors, basement walls or ceiling, water pipes, air ducts, underpinning, and mobile home undercarriage are eligible.

- New, energy, water heaters (must meet ASHRAE 90 Standards as required by Illinois law) are eligible.

- Replacement central air-conditioners with an SEER greater than 10.0 (or room air conditioners with an EER greater than 8.6) are eligible only for medical reasons. A medical doctor's certification is required.

- Heat pumps for heating or cooling with an SEER rating of greater than 8.6 are eligible.

- Furnace load management systems and furnace efficiency modifications are eligible.

- Furnace flue modifications and electronic ignition systems are eligible.

- Furnaces with an AFUE rating of 90 or better are eligible. Under certain circumstances, and with prior approval for ENR, other heating systems with lower ratings may be eligible. Call ENR for details.

- Storm doors and thermal doors are eligible for a grant of up to \$150

maximum per entrance.

All projects must demonstrate a 10-year pay back to the member in energy savings.

### How to apply

Contact your cooperative or ENR if you are interested in applying for a rural home energy grant. Before being considered for the grant, applicants must have an energy audit completed on their home and have a written bid from at least two contractors for proposed projects. These bids must contain model numbers and efficiency ratings for heating systems, and cost estimates.

Applications must be submitted to the cooperative. After it is reviewed there, the application will be forwarded to the ENR for final review and approval. ENR has the final decision on all Rural Home Energy Program grant applications.

Once the application gets approval, a check is prepared payable to the consumer-member and the cooperative. The cooperative then endorses the check and presents it to the member for payment. ENR may inspect the completed work and each approved applicant must also certify to ENR that the installation of materials or equipment funded through the grant program is complete.

For more information, contact the cooperative or the Illinois Department of Energy and Natural Resources at (217)785-2800.

### Income guidelines for Norris Electric Cooperative

FAMILY SIZE:	1	2	3	4	5	6	7	8
TOTAL FAMILY INCOME:	\$15,540	\$17,732	\$19,970	\$22,181	\$23,573	\$24,957	\$26,342	\$27,700
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 his 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	7	8
	\$15,540- 23,310	\$17,732- 26,598	\$19,970- 29,955	\$22,181- 33,272	\$23,573- 35,359	\$24,957- 37,436	\$26,342- 39,513	\$27,700- 41,550
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.							

# Do you know these people?

JAS

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

- Bill Inman, Martinsville, IL 62442  
Mrs. Vercelia Inman, Dieterich, IL 62424  
IOOF Lodge Eaton, c/o Archie Pinkstaff,  
RR 2, Robinson, IL 62454  
James M. Irby, RR 3, Oblong, IL 62449  
Clem Ireland, 1006 West Main, Robinson, IL  
62454  
Emma Ireland, c/o Edwin Ireland, RR 1,  
Allendale, IL 62410  
C.B. Isenburg, c/o Beulah Isenburg,  
306 W. Jourdan, Newton, IL 62448  
Sam L. Isenburg, Bogota, IL 62416  
Wm. Isenburg, Oblong, IL 62449  
Roger Ives, Newton, IL 62448  
Cecil Ivy, Bridgeport, IL 62417  
Louis Ivy, RR 2, Princeton, IN 47578  
Wm. D. Jackman, 962 E. Chestnut,  
Bridgeport, IL 62417  
Albert Jackson, RR 2, West Salem, IL 62476  
Dorsie Jackson, RR 3, Marshall, IL 62441  
Henry Jackson, 2016 Douglas Ave., Mattoon,  
IL 61938  
Otto Jackson, RR 4, Claremont, IL 62421  
W.V. Jackson, RR 4, Robinson, IL 62454  
Keith Jacobs, 3124 Roberta Dr., Largo, FL  
33541  
Earl Jamerson, RR 2, Crossville, IL 62827  
Delbert James, RR 1, Mt. Carmel, IL 62863  
Harold James, RR 3, Greenup, IL 62428  
Joe James, RR 1, Mt. Carmel, IL 62863  
Wayne James, RR 2, Montrose, IL 62445  
Floyd Jamison, RR 2, Effingham, IL 62401  
John Jamison, RR 2, Effingham, IL 62401  
Henry Jansen, RR 3, Sumner, IL 62466  
Howard Jared, RR 4, Robinson, IL 62454  
Julia P. Jarmans, P.O. Box 528, Dunedin, FL  
34296  
Emmitt Jarrell, St. Francisville, IL 62460  
Emmitt Jarrell, Palestine, IL 62451  
Arnold Jefferson, Pinkstaff, IL 62453  
Charles Jenkins, Lerna, IL 62440  
Frank Jenkins, RR 1, Altamont, IL 62411  
George Jenkins, 805 S. Jefferson St.,  
Robinson, IL 62454  
Harry C. Jenkins, RR 6, Olney, IL 62450  
Lucille Jenkins, 408 Dubois, Lawrenceville,  
IL 62439  
Robert D. Jenkins, RR 1, Olney, IL 62450  
Samuel Jenkins, RR 2, Dundas, IL 62425  
Samuel Jenkins, RR 2, Olney, IL 62450  
Robert G. Jennings, Floral Apts., West Main,  
Robinson, IL 62454  
Nellie Jester, c/o Perry Kibler,  
207 N. Lafayette, Newton, IL 62448  
Jet Oil Co., Prudential Plaza, Room 2212,  
Chicago, IL 60601  
Matt Johanna, Altamont, IL 62411  
A.H. Johnson, c/o Mrs. Pearl Murphy, RR 2,  
Wheeler, IL 62479  
August Johnson, St. Francisville, IL 62460  
Bill Johnson, RR 2, Palestine, IL 62451  
Burl Johnson, Pinkstaff, IL 62453  
Charles F. Johnson, RR 4, Robinson, IL  
62454  
Chas. Johnson, RR 4, Sumner, IL 62466  
Chester Johnson, Oblong, IL 62449  
Chris Johnson Jr., RR 2, Mason, IL 62443  
Donald H. Johnson, Effingham, IL 62401  
Evelyn Johnson, RR 2, Vincennes, IN 47591  
Geo. F. Johnson, 1308 Ohio St., Terre Haute,  
IN 47807  
George Johnson, 517 Nicholas St., Vincennes,  
IN 47591  
G.D. Johnson, c/o W.E. Pleasant, RR 4,  
Robinson, IL 62454  
Harold Johnson, RR 1, Robinson, IL 62454  
Harry Johnson, 511 Fremont St., Sumner, IL  
62466  
Howard Johnson, Calhoun, IL 62419  
John H. Johnson, c/o Laura Johnson, RR 1,  
Oblong, IL 62449  
John Johnson, RR 4, Sumner, IL 62466  
L.R. Johnson, RR 2, Casey, IL 62420  
Neal Johnson, RR 2, Wheeler, IL 62479  
Paul Johnson, RR 1, Toledo, IL 62468  
Paul Johnson, RR 3, Lawrenceville, IL 62439  
Ralph H. Johnson, c/o Grace E. Johnson,  
West Liberty, IL 62475  
Richard Johnson, Flat Rock, IL 62427  
Roscoe Johnson, RR 3, Lawrenceville, IL  
62439  
Roscoe Johnson, Flat Rock, IL 62427  
Mrs. Susie (Paul) Johnson, RR 1, Jewett, IL  
62436  
Wayne Johnson, 373 Pierce St., Gary, IN  
46402  
Wickliff Johnson, St. Francisville, IL 62460  
Harry Johnston, RR 3, Sumner, IL 62466  
Mabel C. Johnston, RR 2, Altamont, IL 62411  
Johnstown U.B. Church, c/o Earl Randolph,  
Lerna, IL 62440  
Allen Jones, Yale, IL 62481  
Allen Jones, RR 1, Oblong, IL 62449  
Bert Jones, Calhoun, IL 62419  
Billie M. Jones, RR 1, Martinsville, IL 62442  
Charley Jones, RR 3, Casey, IL 62420  
Chester Jones, Flat Rock, IL 62427  
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921 E. Jefferson, Effingham, IL 62401  
Earl Jones, RR 1, Claremont, IL 62421  
Elmer Jones, 503 North Main, Effingham, IL  
62401  
Mrs. Fannie Jones, RR 4, Robinson, IL 62454  
Mrs. Glenn Jones, Box 262, Casey, IL 62420  
Harve Jones, RR 1, Sumner, IL 62466  
H. Elmer Jones, RR 5, Olney, IL 62450  
Henry H. Jones, RR 2 Box 326, Effingham,  
IL 62401  
Hubert Jones, Dundas, IL 62425  
Jesse D. Jones, RR 3, Lawrenceville, IL 62439  
J. Mack Jones, RR 1, Lawrenceville, IL 62439  
Leland Jones, RR 1 Box 121, Greenup, IL  
62428  
Maurice Jones, RR 2, Wheeler, IL 62479  
Milo Jones, St. Francisville, IL 62460  
Nolan Jones, RR 2, Robinson, IL 62454  
Omer Jones, RR 1, Altamont, IL 62411  
Ralph Jones, RR 1, Sumner, IL 62466  
Stanley Jones, Greenup, IL 62428  
V.A. Jones, 5218 Armour Rd., Columbus 4,  
GA 31904  
Virgil Jones, RR 2, Claremont, IL 62421  
Wm. & Lola Jones, 211 Bear Lake Rd.,  
RR 3, Hillsdale, MI 49242  
Wm. E. Jones, RR 2, Watson, IL 62473  
Jason J. Jordan, RR 2, Greenup, IL 62428  
J.J. Jordan, c/o Marietta Jordan, Greenup, IL  
62428  
Melvin Jordan, 1301 N. Addison St., Chicago,  
IL 60613  
Raymond Jordan, RR 1 Box 214, Oblong, IL  
62449  
Theo F. Jordan, RR 1, St. Francisville, IL  
62460  
Wm. Jordan, RR 3, Lawrenceville, IL 62439  
Howard Jourdan, RR 1, Calhoun, IL 62419  
Wm. Jourdan, RR 4, Robinson, IL 62454  
Wm. Jourdan, RR 2, Oblong, IL 62449  
Cyril Paul Joyce, RR 3, Robinson, IL 62454  
Delbert Judson, RR 3, Toledo, IL 62468  
W.W. or Myrtle Judson, RR 1, Greenup, IL  
62428  
Harold W. Judy, RR 1, Bridgeport, IL 62417  
Roy Judy, RR 1, Claremont, IL 62421  
Karen Julade, 22856 Valley Dr.,  
Richton Park, IL 60471  
Jesse Julius, RR 2, Altamont, IL 62411  
Robert Junkins, RR 1, Noble, IL 62868  
Jutkins Brothers, Effingham, IL 62401  
Mrs. Robert Jutkins, RR 2, Effingham, IL  
62401  
Charles Kaley, Flat Rock, IL 62427  
Mary E. Kaley, RR 3, Robinson, IL 62454  
Henry Kaltrider, 308 E. Main, Olney, IL  
62450  
George Kamplain, RR 2, Flat Rock, IL 62427  
John Kamplain, RR 2, Palestine, IL 62451  
E.J. Kapper, RR 3, Olney, IL 62450  
Merl H. Karl, RR 1, Calhoun, IL 62419  
Tony Kaufman, RR 3, Effingham, IL 62401  
John S. Kaufmann, RR 2, Montrose, IL 62445  
Dan Kautz, West Liberty, IL 62475  
Warren Keach, RR 3, Greenup, IL 62428  
Ora Kean, 501 South Range, Oblong, IL  
62449  
Ivan Keen, RR 3, Olney, IL 62450  
Robert Keeper, RR 4, Mt. Carmel, IL 62863  
Orrin Keith, N. Franklin, Robinson, IL 62454  
Anna Keller, RR 3, Casey, IL 62420  
Charles Keller, Oblong, IL 62449  
Charlotte M. Keller, Watson, IL 62473  
Clarence Keller, RR 1, Robinson, IL 62454  
Elizabeth S. Keller, 503 Garfield, Oblong, IL  
62449  
Glen F. Keller Jr., Robinson, IL 62454  
Harvey Keller, Altamont, IL 62466  
Harvey Keller, RR 1, Effingham, IL 62401  
Jerry Keller, RR 2, Noble, IL 62868  
Ralph Keller, RR 2, Toledo, IL 62468  
Stella Keller, RR 2, Effingham, IL 62401  
Rolla Kelley, Effingham, IL 62401  
Arford Kelly, RR 1, Hidalgo, IL 62432  
Robert Kelly, Lawrenceville, IL 62439  
E.C. Kelm, RR 1, Robinson, IL 62454  
Argalus Kemper, RR 2, Greenup, IL 62428  
Clarence Kemper Jr., Casey, IL 62420  
Clarence Kemper Jr., RR 3, Greenup, IL  
62428  
Doyle Kemper, RR 3, Casey, IL 62420  
Elwood Kemper, RR 3, Casey, IL 62420  
Francis Kemper, RR 2, Greenup, IL 62428  
Herman E. Kemper, Casey, IL 62420  
Jack Kemper, RR 3, Robinson, IL 62454

# Seasonal favorites

## TORTILLAS:

1 egg  
1 cup sifted flour  
1/2 cup yellow corn meal

Mix above ingredients to make batter. Pour a scant (1/2 cup) batter into a small frying pan to make a tortilla about 6 inches in diameter. Bake for 3 minutes, or until top appears dry and underside is golden. Turn and brown the other side. Repeat to make 8 tortillas.

## ENCHILADA FILLING:

1 lb. ground beef  
1 teaspoon chili powder  
1 clove garlic  
2 tablespoons olive oil or salad oil  
1 can (4 oz.) ripe olives, chopped

## ENCHILADAS

1/4 teaspoon salt  
1 1/2 cups water

1 cup chopped green onion  
1 1/2 cups (6 oz.) grated cheddar cheese  
Sliced stuffed green olives  
Sweet onion rings

In medium sized frying pan, saute ground beef with chili powder and garlic in oil, breaking up ground beef as it cooks. Remove from heat and add ripe olives and green onions. Save cheese, green olives and onion rings for last three steps. Brush one side of tortilla with sauce; spread with a scant 1/2 cup of filling, then sprinkle with one tablespoon grated cheese, roll up; place, spoke fashion, seam side down in pan with sauce (if the frying pan is too small, place in two layers). Brush tops with sauce and sprinkle generously with remaining cheese. Top each with sliced olives. Heat slowly just until enchiladas are heated through and cheese topping is melted slightly. Top with garnish of sweet onion rings.

## ENCHILADA SAUCE:

3 medium onions, chopped (1 1/4 cups)  
1 tablespoon olive oil or salad oil  
2 cans tomatoes (1 lb. cans)  
2 cans tomato sauce (8 oz. cans)  
2 teaspoons sugar  
1 teaspoon oregano  
1/4 teaspoon red pepper seasoning  
1 clove garlic

Saute onions and chili powder in olive oil, until soft. Stir in remaining ingredients. (Stick garlic with wooden pick so it will be easy to remove before serving.) Simmer uncovered adding a little water as needed for 1 1/2 hours. Remove garlic.

## M & M COOKIES

1 cup shortening  
1 cup brown sugar  
1/2 cup granulated sugar  
2 eggs  
2 teaspoons vanilla  
2 1/4 cups flour  
1 teaspoon baking soda  
1 teaspoon salt  
1 1/2 cups plain M & M candies (either in dough or on top of cookies)

Combine ingredients and chill dough about 20 minutes before baking. Bake at 350 degrees for 10 minutes.

## CRANBERRY CHUTNEY SALAD

2 lbs. fresh cranberries, crushed in food processor  
3 apples, diced  
2 pears, diced  
2 cups golden raisins  
2 cups white sugar  
1 1/4 cups fresh orange juice  
3 tbs. grated orange rind  
2 tsp. cinnamon  
1 tsp. nutmeg  
1/2 cup Cointreau liqueur

Combine all ingredients except liqueur in a large kettle; bring to a boil; then simmer uncovered for one hour, or until thickened. Stir in liqueur. Refrigerate covered overnight. Freezes well.

## MEXICAN CHICKEN

Cook 4 large chicken breasts (boil or steam). Cool; skin and remove from bone. Cut into chunks. Mix: 1 can of mushroom soup, 1 can cream of chicken soup, 1 can Rotel tomato chilies, and 1 lb. sharp cheddar cheese, grated. Grease casserole dish; line with taco-flavored Doritos. Put layer of chicken, layer of soup mixture, layer of grated cheese in casserole dish until all is used. Let stand 24 hours in refrigerator. Bake at 300 degrees for 1 hour.

## ASPARGUS & ONION CASSEROLE

1 lb. can English peas, drained  
1 (14 oz.) can asparagus, drained  
1 (14 oz.) can small onions, drained and sliced  
1 (10 1/2 oz.) can cream of mushroom soup  
1 cup American cheese, grated

Make layers of peas, asparagus, onions and soup in a casserole dish. Top with grated cheese. Cover and bake for 40 minutes at 350 degrees.

advertisement

## A Will May Be Hazardous To Your Family's Financial Health

You can spend money for a will only to have an excessive part of your assets needlessly "given" to lawyers, courts, administrators, executors and the tax authorities through the probate process. Why should you avoid probate? Simple. It costs too much, lasts too long, and creates unwanted publicity.

Yes, there's a far better way to protect your estate than having just a will. A Living Trust is an inexpensive alternative to probating a will even for an average sized estate.

A recent Wall Street Journal article says "More and more Americans are putting their assets in Revocable Living Trusts... while the owner is still alive... can act as their own trustees, so there are no managerial fees or loss of control. They can change the trust at any time." You keep the bulk of your estate out of probate court with no public record or the usual nine months delay. You may reduce taxes and simplify the transfer of assets to your heirs.

"The advantages of living trusts over wills are considerable. Under a will, an estate must be settled in probate court. Lawyers' fees and court costs often are substantial; there may be exasperating delays, and the proceedings are a matter of

public record."

"In contrast, a living trust is settled without a court proceeding; a successor trustee simply distributes assets according to the trust's instructions, with an accountant, notary public or lawyer certifying any transfer of titles. The process is much quicker, cheaper and more private than settling a will, and it may save on estate taxes."

Lawyers charge an average of \$60 for writing a will — and then receive as much as 11 percent of the entire estate after the client dies and the will is probated. The Wall Street Journal says "the living trust business is booming." Your complete Living Trust kit, written in easy-to-understand, step-by-step simple language for the average sized American estate, can be obtained by sending a check or money order in the amount of \$19.95 plus \$2 postage and handling or charge to your VISA/Mastercard by including account number and expiration date to: DSA Financial Publishing Corp., 708 - 12th Street N.W., Dept W471, Canton, Ohio 44703. For even faster service call toll free 1-800-321-0888, Ext. W471. A 90 day money back guarantee is naturally offered. Do it now... while there is still time to protect your loved ones. © 1989 DSA DW262-2



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**MISSING**



**JENNA RAY ROBBINS**

LAST SEEN: 05/14/89 EYES: Brown  
FROM: Killeen, TX HEIGHT: 4'5"  
DOB: 01/24/80 WEIGHT: 50  
WHITE FEMALE HAIR: Dark Brown



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**MICHAEL OMAS MASAOAY**

LAST SEEN: 01/25/89 EYES: Brown  
FROM: San Francisco, CA HEIGHT: 5'1"  
DOB: 06/25/72 WEIGHT: 160  
ASIAN (FILIPINO) 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-**

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

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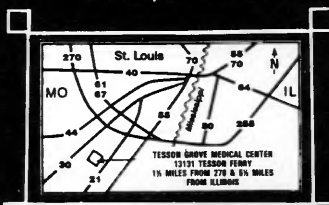
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**GENERAL DENTISTRY**

# Norris Electric News



Members of the Southern Illinois Bowhunters Association gather for a group portrait during a tournament, in which they raised \$2,700 for local charities. (Photo courtesy Newton Press-Mentor)

## Bowhunters donate \$2,700

The Southern Illinois Bowhunters Association (SIBA), seems to be as much in the charity business as it is into bowhunting. "We raised \$2,000 last year for the Children's Miracle Network," says Carl Waggle, SIBA president, "and we raised \$2,700 this year. We split the money up a little differently, though, because we kind of wanted it to stay a little closer to home. A lot of the money we raised this year went to St. John's Hospital in Springfield."

The club, which started out with some 20 enthusiasts a couple of years ago, now has some 130 members and is still growing. And the name is not completely accurate, notes Jim Hunsaker, a taxidermist, bowhunter and director of the club. "Actually it's an archery club, too," he says, "because there are several of our members who are really enthusiastic about target shooting with archery equipment, but who aren't particularly interested in hunting."

The club, he adds, regularly attracts shooters from a 50-mile radius, and had a shooter come up

from Nashville, Tennessee, to take part in the festivities.

There are two ranges now, and the main one is a mile north and two miles west of Falmouth, while the other is near Greenup.

"We have a monthly shoot and average about 130 contestants, and we have a club shoot for members and guests, so we actually have two shoots per month at each range," Carl says, adding, "I've heard that archery is the fastest-growing sport in the country, and I believe it. We make it a point to have a family atmosphere at our shoots, and we encourage families to bring their kids and make an outing of it."

There are seven different classes in the club, so people compete more fairly, minimizing the newcomers' fears of going head to head with those who are stronger, more experienced, or both. "We have classes for men, women and kids, and so on," Jim says, "and our oldest member is 72. He got his first with a bow and arrow just this year."

While fellowship and friendly competition are important parts of

the club's activities, along with the fund raising efforts, there is more. "We work hard to develop good bowhunting ethics," Carl says, "and we emphasize safety, too. And we try to get people to understand that deer are a harvestable crop. If we didn't hunt them, many of them would starve to death or get so weakened by hunger that they'd be easy prey for predators. There's no sense in them going to waste."

The club, which hopes to continue growing, also hopes to continue with its fund raising efforts, too. "When we started," Carl says, "we didn't know exactly what we wanted to do with the money we raised, but we knew we wanted it to deal with helping kids in some way. Hospitals today can do so many things—it's miraculous what they can do for kids these days, and we like to be part of that. It gives us all a good feeling to go out and have a good time, while helping a good cause. I guess that's the most important thing."

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

Clifford E. Kendall, Robinson, IL 62454  
 Lawrence Kenderdine, RR 2, Flat Rock, IL 62427  
 Jackie G. Kennard, RR 2, West Salem, IL 62476  
 O.L. Kennedy, RR 6, Olney, IL 62450  
 Roy Kennedy, c/o Mrs. Violet Kennedy, 9 West Monroe, Casey, IL 62420  
 Kenney's Tavern, c/o Kenneth Hoke, Vincennes, IN 47591  
 Earl J. Kent, RR 1, Robinson, IL 62454  
 Harold Kent, RR 1, Hutsonville, IL 62433  
 Jasper Kent, Palestine, IL 62451  
 Muriel Kent, Flat Rock, IL 62427  
 Stella Kent, c/o Wilbur Dunlap, RR 3 Box 57, Oblong, IL 62449  
 Robert Keortge, RR 6, Olney, IL 62450  
 Forrest Keplar, RR 2, Effingham, IL 62401  
 Rouble Keplinger, 304 N. Range, Oblong, IL 62449  
 S.P. Keppel, 418 W. 9th St., Mt. Carmel, IL 62963  
 Kelly E. Kerans, RR 1, Greenup, IL 62428  
 Everett Kerby, RR 4, Olney, IL 62450  
 Thomas J. Kern, RR 2, Palestine, IL 62451  
 Leo Kerner, West Liberty, IL 62475  
 C.W. Kersey, RR 4, Robinson, IL 62454  
 Eithel Kessler, Dundas, IL 62425  
 Ernest Kessler, RR 4, Robinson, IL 62454  
 John & Stella Kessler, Ingraham, IL 62434  
 Delbert Ketcham, RR 1, Mason, IL 62443  
 Velma Fishburn Ketcham, RR 1, Mason, IL 62443  
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 Barron Kidd, Box 6218-Station B, Evansville, IN 47712  
 Lora Kidd, Jewett, IL 62436  
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 Forrest C. Kidwell, RR 3 Box 82, Mitchell, IN 47446  
 Otto Kidwell, RR 1, Robinson, IL 62454  
 Carl Kilburn, 516 N. Howard, Robinson, IL 62454  
 Mrs. Harold Kilbury, RR 4, Sumner, IL 62466  
 Warren Kilpatrick, 239 Fair Ave., Flora, IL 62839  
 Merl Kimble, 1900 Valencia Road, Orlando, FL 32803  
 Mark Kimbrell, Sumner, IL 62466  
 Leo Kimmel, Lawrenceville, IL 62439  
 Kenneth E. Kimpling, RR 1, Robinson, IL 62454  
 James D. Kinberlin, RR 5, Olney, IL 62450  
 Homer Kincaid, Palestine, IL 62451  
 Fred Kindel, RR 3, Robinson, IL 62454  
 Allen King, RR 1 Box 77, Huntsonville, IL 62433  
 Betty King, Willow Hill, IL 62480  
 Dale King, RR 1, Effingham, IL 62401  
 Ernest & James King, RR 2, Oblong, IL 62454  
 Evan King, RR 1, Robinson, IL 62454  
 H.L. King, c/o Seth King, Olney, IL 62450  
 Howard King, RR 1, Dundas, IL 62425  
 Ishmael King, Robinson, IL 62454  
 J.C. King, RR 3, Greenup, IL 62428  
 Jesse King, Hidalgo, IL 62432  
 Mrs. Nettie King, Eaton, IL 62454  
 Ruth J. King, West Liberty, IL 62475  
 W.J. King Oil Well, 7951 W. 127th St., Palos Park, IL 60464

A.N. Kingery, RR 2, Toledo, IL 62468  
 Harve Kingery, RR 2, Toledo, IL 62468  
 H.G. Kingery, RR 2, Toledo, IL 62468  
 Oscar Kingery, Montrose, IL 62445  
 Victor Kingery, RR 4, Robinson, IL 62454  
 Virgil A. Kingery, RR 1, Teutopolis, IL 62467  
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 Alonzo Kirby, 1151 Mayfield Ave., Winter Park, FL 32789  
 Arthur Kirby, Hidalgo, IL 62432  
 Chester Kirby, Willow Hill, IL 62480  
 Clifford S. Kirby, RR 2, Effingham, IL 62401  
 Etta Kirby, Willow Hill, IL 62480  
 John Kirby, RR 2 Box 332, Effingham, IL 62401  
 Roy Kirby, RR 1, West Union, IL 62477  
 Mrs. Faye Kirk, 607 W. Highland St., Robinson, IL 62454  
 Mrs. Frances Kirk, RR 3, Robinson, IL 62454  
 George B. Kirk, 324 Vigo St., Vincennes, IN 47591  
 Leroy Kirk, Oblong, IL 62449  
 Lester Kirk, RR 2, Robinson, IL 62454  
 Mrs. Mina Kirk, Hidalgo, IL 62432  
 Oris Kirk, 522 E. Lamotte St., Palestine, IL 62451  
 Roy Kirk, RR 2, Robinson, IL 62454  
 Virgil Kirk, RR 2, Robinson, IL 62454  
 Willard D. Kirk, RR 2, Effingham, IL 62401  
 Willard D. Kirk, RR 1, Altamont, IL 62411  
 Wm. Kirk, RR 2, Robinson, IL 62454  
 John Kirkland, Greenup, IL 62428  
 Wayne Kirts, RR 2, Willow Hill, IL 62480  
 William M. Kisner, St. Francisville, IL 62460  
 Harvey Kitchell, Palestine, IL 62451  
 Phil Kitterman Sr., RR 2, Effingham, IL 62401  
 George H. Kline, Altamont, IL 62411  
 Bill Knapp, RR 4, Mt. Carmel, IL 62863  
 Belle Knicely, RR 2 Box 118, Oblong, IL 62449  
 Clarence F. Knepper, RR 1, Sumner, IL 62466  
 Marvin Knierim, 1515 Everman Dr., Effingham, IL 62401  
 Ted Knierim, RR 1, Shumway, IL 62461  
 Paul Knifley, Greenup, IL 62428  
 Earl Knight, RR 4, Robinson, IL 62454  
 Vaughn Knoblett, RR 2, Robinson, IL 62454  
 Billy Knoblett, RR 2, Palestine, IL 62451  
 Edward Knoblett, Palestine, IL 62451  
 Fred Knoblett, Palestine, IL 62451  
 James L. Knoblett, RR 2, Palestine, IL 62451  
 Archie Knoll, RR 2, Casey, IL 62420  
 Virgil E. Knupp Jr., RR 1, Hidalgo, IL 62432  
 Leo Kochoer, RR 1, Claremont, IL 62421  
 Mrs. Frank Koelsch, RR 1, Teutopolis, IL 62467  
 Mary Koertge, RR 1, Olney, IL 62450  
 Allie C. Koester, RR 1 Box 178, Effingham, IL 62401  
 Amby C. Koester, RR 3, Effingham, IL 62401  
 Fred W. Koester, RR 3 Box 125, Effingham, IL 62401  
 Norbert Koester, RR 3, Effingham, IL 62401  
 Ray J. Koester, Lake Sara, Court 11 North, Effingham, IL 62401  
 Donald Koontz, RR 1, Robinson, IL 62454  
 Vernon Koop, RR 1, Teutopolis, IL 62467

Lloyd J. Kramer, Browns, IL 62818  
 Francis Kraus, RR 3, Oblong, IL 62449  
 Albert Kreke, Effingham, IL 62401  
 James J. Kreke, Montrose, IL 62445  
 Walter Kreuger, Dieterich, IL 62424  
 Billie Krise, RR 1, Robinson, IL 62454  
 Martin Kroening, Altamont, IL 62411  
 Mrs. Lillie Krohn & Mrs. Leonard Payne, RR 1, Altamont, IL 62411  
 William Krone, 609 N. Cleveland, Effingham, IL 62401  
 Fred Krueger, RR 2 Box 7, Mason, IL 62443  
 Julius Krueger, Dieterich, IL 62424  
 Harlan Krug, RR 2, Altamont, IL 62411  
 Wm. Kruse, Altamont, IL 62411  
 Phil Kruzich, Hidalgo, IL 62432  
 George P. Kuhl, Dundas, IL 62425  
 Chas. & Martha Kuhn, RR 1, Casey, IL 62420  
 Mrs. Sam Kuhns, RR, Altamont, IL 62411  
 Ella G. Kurtz, RR 1, Olney, IL 62450  
 John E. Kusiak, RR 2, Lawrenceville, IL 62439  
 Glenn Kyle, 702 N. 3rd St., Effingham, IL 62401  
 Austin Lacey, c/o Mrs. Fay Lacey, RR 2, Casey, IL 62420  
 Norman Lachenmayer, Flat Rock, IL 62427  
 Norman Lachenmayer, 405 W. Main, Oblong, IL 62449  
 Geo. W. Lackey, Box 576, Lawrenceville, IL 62439  
 Joseph Lackey, RR 4, Robinson, IL 62454  
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 Ladies Aid, Star Route, Robinson, IL 62454  
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 Sarah K. Lafferty, RR 2, Martinsville, IL 62442  
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 Lester Lake, RR 2, Jewett, IL 62436  
 Charles Lamb, RR 3, Martinsville, IL 62442  
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 George & Bonnie Lambert, RR 2, Olney, IL 62450  
 Ervin Lamkin, Vincennes, IN 47591  
 R.W. Lamkin, Effingham, IL 62401  
 Glenn LaMott, RR 3, Sumner, IL 62466  
 Ralph Lancaster Jr., RR 1, Calhoun, IL 62419  
 Mervin Lance, Mt. Carmel, IL 62863  
 J.E. Land, RR 1, Hidalgo, IL 62432  
 L.M. Land, RR 3, Lawrenceville, IL 62439  
 J.H. Landers, Lerna, IL 62440  
 H. Jot Landrus, Lerna, IL 62440  
 Lillie Belle Langford, c/o J.R. Langford, RR 2 Box 108, Effingham, IL 62401  
 Fred Lankford, RR 1, Effingham, IL 62401  
 H.E. Lankford, RR 2 Box 318, Effingham, IL 62401  
 Noah Lankford, RR 2, Effingham, IL 62401  
 Wilbur Lankston, RR 1, Flat Rock, IL 62427  
 Forrest Wayne Lantis, RR 2, Lawrenceville, IL 62439  
 Elwood H. Larch, RR 1, Flat Rock, IL 62427  
 Virgil Larrison, 603 E. Chestnut, Robinson, IL 62454

(Continued from page 5)

the scene. "Most of the guys working here are smart enough to take care of themselves."

Albert "Sonny" Kirchner, journeyman lineman for Illinois Rural Electric Co., states that as an instructor he also learns a lot during the training school.

"We present some unusual classroom situations. Some things you don't do unless you have to. (In those cases) it's not the safe way but the only way." The school, he adds, is also a time to "renew some old friendships and make some new ones."

One who's made many friends at Hot Line School is George Klaus. He started out as a student in 1955 and for many years has been an instructor, though he retired from Illinois Rural Electric Co. in 1985.

One of the biggest changes Klaus has seen was

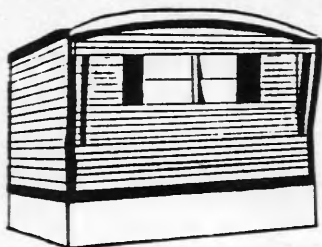
the introduction of hydraulic trucks in the 1950s. Prior to that, booms had to be assembled in pieces, then a winch cable would lift them. On hydraulic trucks, a pull on a lever raises crews and equipment up to the pole.

Klaus believes that Illinois Rural was the first cooperative to use rubber gloves on live wires. "The gloves give you total protection. You feel no electric charge. If your pliers get too close, you do get a little arc, though."

Students and instructors respect Klaus as the veteran. "George taught us all well," says Illinois Rural's Kirchner.

Why does Klaus accept the invitation to return year after year? "Just because I retired doesn't mean I'm not interested. I enjoy seeing the guys, seeing what new things are going on. If it hadn't been for some instructor down the line, I wouldn't have been here."

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Pay TV services are available through subscriptions. All programming is not available in every area.

## Proposed legislation

(Continued from page 5)

mately \$38.8 million dollars. To retrofit Units 1, 2, 3 and 4 with nitrogen oxide controls, assuming that such control was commercially available, would cost on the order of \$6.3 million. The original capital cost of the control is not as worrisome as the resultant annual operating costs. The USEPA estimates that additional costs on the order of \$17 to \$18 million per year would be incurred by SIPC.

This translates to at least 10 percent increase to our consumer-owners and perhaps higher. We have projected that the cost per family in SEIEC's area would be \$204 per year on an average all electric member's bill or an increase of about 15 percent. It is important to keep in mind with this estimate, SIPC's present revenue of approximately \$38 million must be increased by \$17 million to \$55 million.

Our service area is an economically depressed region as identified and documented by the Southern Illinois Regional Planning and Development Commission to the Department of Commerce Economic Development Administration. The region has experienced alarmingly high unemployment rates since 1980. Presently, the service area unemployment rate is 15 percent and has been consistently above the national unemployment rate for many years.

The area has suffered a downfall from a two-product economy, mining and agriculture, which can be documented by per capita income and poverty level statistics for the region. The per capita income level for the service area is \$5,488, which translates into a 20 percent poverty level for the area. The standard of living indicators show the extreme economic deterioration and instability of the region's economy.

In the state of Illinois, less than 1 percent of the work force is employed in the mining industry. In our five-county region, 10,800 people, or 17.7 percent, are employed in the mining industry. Unemployment rates, per capita income and poverty statistics show the Southeastern Region economy is experiencing economic depression.

We believe that our members are aware of the various environmental issues and are perhaps more informed than most people in the nation. In addition to acid rain, our members are presently struggling over the wilderness issue. Within our service area lies a portion of the Shawnee National Forest. It is a beautiful area with an abundance of trees that is amenable to various forms of recreation, which must be balanced with the commercial development of the area, particularly lumbering. We do realize that making the area available for recreation does have a direct cost, particularly with the loss of revenues, real estate



Southern Illinois Power Co-operative's generating station south of Marion.

taxes, and potential industries that are prevented from developing in the area.

We would like to discuss the particular concerns that we have with some of the major bills that have been introduced. One major concern is the capacity usage cap, which limits older plants' actual annual hours of operation to an average based on 1985, 1986 and 1987. Our problem with this particular section is that in 1978 SIPC completed construction of a new generation unit, Marion Unit No. 4. Because of the availability of Marion Unit No. 4, during the 85, 86 and 87 period, SIPC operated Units 1, 2 and 3 at an approximate capacity factor of 29 percent. We expect as we experience load growth during the early and mid 1990s, we will need additional generation from Units 1, 2 and 3. To be limited to an artificially low usage factor would not seem to be in our consumer-owners' best interest.

SIPC also has utmost concern about the section 508 definition of the clean coal technologies. As we discussed earlier, SIPC is involved with Trans-Alta on a low nitrogen oxide/sulfur dioxide burner project and would like it to be included as a section 508 definition.

We are also quite concerned about cost-sharing provisions. Although we recognize that acid rain is a national problem, requiring a national solution, we would like to have some sort of credit for utilities that have already spent considerable amounts of money for pollution control.

In closing, our members would like to express their agreement with the goal of cleaner air, but, they are very concerned about the method that is being used to achieve it.

# Norris Electric News

## Walk is 'trip of a lifetime'

For many, there's nothing like a nice, brisk walk to get right with the world. Most of us, however, make do with a mile or so at a time.

Not Paul Lybarger of Wendelin. He spent the better part of four and a half months walking 2,139 miles, up (and partly down) the Appalachian Trail. Paul, who's 29, walked the trail two years ago, when its 50th anniversary was being celebrated.

"I'd been thinking about hiking the trail for a few years. A guy I knew in Dallas had talked about it a lot," Paul says.

"He used to live in North Carolina, where he worked in a sporting goods store and saw a lot of hikers come and go. He suggested that it might be something I'd like to do, and I kind of started planning it from there."

He wrote for more information, and started planning a little harder. Then a National Geographic article really tipped the balance for him. "After I read it and looked at the pictures, I knew I was going," he says with a chuckle.

The trail, he learned, runs from South-Central Maine to Northwest Georgia, and goes through 14 states. The "roughness" varies considerably.

"Most people hike from north to south," Paul says, "but I decided to go the other way, starting in April. I planned to take my backpack, and I put up 'food parcels' that my parents mailed to me on the way. The post offices in little towns along the trail will hold packages for hikers, and Mom and Dad mailed them. They were a big help, and were really supportive, incidentally. When I was loaded up and ready to go, my pack weighed 65-80 pounds."

"I carried military rations called 'MREs,'" he says and that stands for 'meal, ready-to-eat.' They come in big plastic envelopes and you can

eat them right out of the bag, although there are some things that some people might prefer to reconstitute by adding water."

Supper was the "complex" meal on the trip, and Paul usually cooked rice and had pudding. "I used a little surplus stove that burned



**Paul with his pack and the gear he took on his 2,139-mile hike. The walking stick is Illinois hickory.**

heat tablets," he says, "but it was slow. Later on I bought a little backpacking stove and that speeded things up a little."

He wore high-top hiking boots, and wore out two pairs on the trail.

The first month was rough, he says, and it took that long just to

get all the muscles and breathing apparatus used to the idea.

"Just after I got over the physical strain," he says, "the mental strain set in, and it was worse than I'd thought it would be. I'd get up in the morning and realize I had 15 or 20 miles to cover, and I'd get discouraged."

He stopped after about a month and went home, trying to decide if the trip was worth the trouble. After six weeks, he went back, and joined the trail at Harper's Ferry, where Virginia, West Virginia and Maryland come together, and went on to Maine—then he went back and hiked the part of the trail he'd missed, going southward this time. "I skipped most of Virginia on my first walk" he says, "so I could catch up with the people I was kind of on the trail with, and I went back through it."

Journals were a part of the trip. Hikers would leave books for others to write notes in, and they loosely kept track of each other by reading the entries. When the book was filled, it would be sent back to the owner. Paul wrote in many, and left two. "You got to kind of know people as you followed their entries in the journals," he notes.

There are shelters about every 10 miles, and he slept in them about 80 percent of the time. "The one time I didn't," he says ruefully, "it rained all night. I was soaked, and so was everything I owned."

While the trip was gruelling in some ways, it was great in others, he notes. "When you get to where you can carry everything you need on your back, you learn you don't really need all that much, and you learn a lot about the little things, too. It's amazing how great it feels to stir up a simple bowl of pudding as the sun sets after a long day on the trail. You learn about the simple things that don't seem to count for much anywhere else."

# Do you know these people?

A partial list of people who are entitled to a capital credit check for the years 1955-1960 will be published monthly.

We need a current mailing address for each person below, or, if the person is deceased, the name and

address of their nearest living relative.

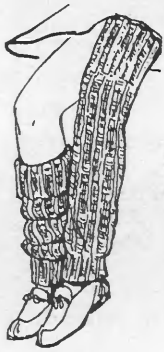
If you have any information pertaining to these people, or know of anyone who lived on our lines during this period, who has not received a capital credit refund check, please contact Norris Electric Cooperative.

Robert Larson, Effingham, IL 62401  
 Joe Latch, St. Francisville, IL 62460  
 Wm. Latch, Bridgeport, IL 62417  
 Curtis Lathrop, 702 E. Laurel St., Olney, IL 62450  
 Kenneth Lathrop, 729 E. Laurel, Olney, IL 62450  
 Levi Lathrop, RR 2, Olney, IL 62450  
 Elizabeth Lauderback, Ingraham, IL 62434  
 Theo Laue, Shumway, IL 62461  
 Mrs. Leslie (Sebring) Laughead, Box 43, Flat Rock, IL 62427  
 Fred Laughead, Box 43, Flat Rock, IL 62427  
 Rex Laughlin, Box 412, Bridgeport, IL 62417  
 James Laurence, RR 1, Lawrenceville, IL 62439  
 A.J. St. Laurant, Sumner, IL 62466  
 Clarence E. Lawhead, RR 1, Robinson, IL 62454  
 Harry A. Lawhead, RR 2, Robinson, IL 62454  
 Bert Lawhorn, RR 1, Lerna, IL 62440  
 Elgie Lawrence, RR 2, Flat Rock, IL 62427  
 James Lawrence, St. Francisville, IL 62460  
 Joseph Lawrence, RR 2, Flat Rock, IL 62427  
 Otto Lawrence, RR 3, Robinson, IL 62454  
 Lawrenceville Coon Hunters Association, c/o T.W. Tewell, Lawrenceville, IL 62439  
 Bert Lawson, RR 3, Casey, IL 62420  
 Clyde M. Lawson, Box 91, Lawrenceville, IL 62439  
 James R. Lawson, Bridgeport, IL 62417  
 J.D. Lawson, Box 491, Greenup, IL 62428  
 Sarah Layman, RR 2, Sumner, IL 62466  
 Lewis Laymon, Box 35, Hazel Dell, IL 62430  
 Lowell Laymon, Greenup, IL 62428  
 Charles R. Leach, Mulberry St., Robinson, IL 62454  
 John Leach, RR 2 Box 226, Robinson, IL 62454  
 Geo. Leahy, Claremont, IL 62421  
 Mrs. Arthur Leamon, c/o R.P. Matheny, Exec., Yale, IL 62481  
 Mrs. Esther Leasure & Mrs. Donald Phillips, 1462 W. Leland Ave., Chicago, IL 60640  
 Frank Leatherman, Martinsville, IL 62442  
 Mrs. Ira Leathers, 206 North Ohio, Olney, IL 62450  
 Roy Leathers, Marks Nursing Home, North Fair St., Olney, IL 62450  
 S.O. Leathers, 2223 Wash Ave., Vincennes, IN 47591  
 Victor Leathers, 1029 E. Cherry, Olney, IL 62450  
 John Lechrone, RR 1, Watson, IL 62473  
 Leslie Lechrone, RR 2, Effingham, IL 62401  
 Harold Lee, Yale, IL 62481  
 Jesse Lee, Martinsville, IL 62442  
 Joe Mack Lee, RR 2, Casey, IL 62420  
 Charles Leeds, RR 3, Oblong, IL 62449  
 James M. Leeper, Olney, IL 62450  
 Hallie Lefever, RR 2, Oblong, IL 62449  
 Robert Lefever, RR 2, Oblong, IL 62449  
 Elsie Mae Leffler, RR 1, Willow Hill, IL 62480  
 Samuel Leffler, Willow Hill, IL 62480  
 Earl Legg, Greenup, IL 62428  
 Levi Legg, 302 Clearwater, Flat Rock, IL 62427

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 R.D. Legier, RR 1, Sumner, IL 62466  
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 Arthur Leib, RR 2, Flat Rock, IL 62427  
 Arthur Leib, St. Francisville, IL 62460  
 Forrest Leib, Lawrenceville, IL 62439  
 H.P. Leighty, RR 2, Lawrenceville, IL 62439  
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 W.R. Leith, Mason, IL 62443  
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 Charles Lemay, Hidalgo, IL 62432  
 Charles H. Lemerom, RR 1, Flat Rock, IL 62427  
 Ed Lemerom, RR 3, Lawrenceville, IL 62439  
 Virgie Lemmon, RR 3, Oblong, IL 62449  
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 Warren Lents, Lawrenceville, IL 62439  
 Warren Lentz, Lawrenceville, IL 62439  
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 Guy Leohr, P.O. Box 3, Hazel Dell, IL 62430  
 Walter N. Leohr, RR 3 Box 221, Casey, IL 62420  
 Harry Leslie, RR 2 Box 65, Lot 1, Quarry Addition, Lawrenceville, IL 62439  
 Roy F. Letsinger, 1108 7th St., Lawrenceville, IL 62439  
 Rev. Harold Leu, P.O. Box 576, Astoria, IL 61501  
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 James Levitt, RR 2, Effingham, IL 62401  
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 Bob Lewis, RR 1, Watson, IL 62473  
 Chester Lewis, Mason, IL 62443  
 Edward Lewis, RR 7, Olney, IL 62450  
 Edward Lewis, RR 1, Oblong, IL 62449  
 Harry Lewis, Toledo, IL 62468  
 Mrs. Harry Lewis, Greenup, IL 62428  
 H.D. Lewis, 925 East Fayette, Effingham, IL 62401  
 Herman F. Lewis, RR 1, Watson, IL 62473  
 Jack Lewis, Greenup, IL 62428  
 Levi Lewis, 114 Harmon, Olney, IL 62450  
 Nellie Lewis, West Liberty, IL 62475  
 Raymond W. Lewis, Bogota, IL 62416  
 W.O. Lewis Sr., 3016 S. Toft St., Indianapolis, IN 46241  
 Mrs. Alice Lewsader, RR 1, -7 Kickapoo Rd., Heyworth, IL 61745  
 Warren Liber, RR 2, Robinson, IL 62454  
 Liberty Free Meth. Ch. Parsonage, c/o Rev. Edgar Cole, St. Francisville, IL 62460  
 Asa Liddle, c/o Bernard Liddle, 1301 South St., Lawrenceville, IL 62439  
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 C.W. Life, Palestine, IL 62451  
 Chauncey W. Liffick, RR 1, Robinson, IL 62454  
 Wilbert Liffick, Eaton, IL 62454  
 Millard Likens, Olney, IL 62450  
 Bessie Lilly, Toledo, IL 62468  
 Harold Lilly, RR 1, Willow Hill, IL 62480  
 Avis Linam, RR 1, Olney, IL 62450  
 Alvie Lindsey, West Liberty, IL 62475  
 Dwight R. Lindsey, RR 2, Flat Rock, IL 62427  
 Herbert L. Lindsey, RR 1, Altamont, IL 62411

Lyman Lindsay, Robinson, IL 62454  
 Robert Lindsey, Willow Hill, IL 62480  
 Royal Lindsay, RR 8 Box 220, Brooksville, FL 33512  
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 Herbert L. Lindsey, RR 1, Altamont, IL 62411  
 Robert Lindsey, Willow Hill, IL 62480  
 Richard Lineberry, RR 2 Box 470, Clearwater, FL 33515  
 Charlie Lingafelter, West York, IL 62478  
 Floyd Lingafelter, RR 6 Box 281, Decatur, IL 62523  
 Leasel Lingafelter, Willow Hill, IL 62480  
 Melvin Lingafelter, RR 2, Oblong, IL 62449  
 E.R. Lionberger, RR 1, Robinson, IL 62454  
 Don R. Lister, RR 2, Dieterich, IL 62424  
 Everett Lister, Ingraham, IL 62434  
 Earl Liston, RR 3, Robinson, IL 62454  
 William E. Liston, 105 W. Ash, Robinson, IL 62454  
 Leslie Litherland, Box 138, St. Francisville, IL 62460  
 Phyllis Litherland, RR 4, Olney, IL 62450  
 Thomas Litherland, St. Francisville, IL 62460  
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 James Littlejohn, RR 4, Robinson, IL 62454  
 Lester Littlejohn, Robinson, IL 62454  
 Pansy Littlejohn, RR 2, Palestine, IL 62451  
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 Russell Lockhart, RR 2, Robinson, IL 62454  
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 Chas. D. Long, Olney, IL 62450  
 Clyde Long, Box 81, Bridgeport, IL 62417  
 John William Long, Box 61, Eaton, IL 62454  
 Thos. E. Longwell, Claremont, IL 62421  
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 Ivan Lookingbill, RR 2, Greenup, IL 62428  
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 J.S. Lorenz, Casey, IL 62420  
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Pure femininity, a soft gentle curve. Stylish choices: dress or tunic, full and slim skirts and tie! Designer Pattern 5648 is available in Misses' Sizes 10 to 24. State NN(10-12-14-16) or WW(18-20-22-24) when ordering.

OFFER GOOD THRU MAR. 31, 1990



5615: The all-enveloping grace of a cocoon jacket covers a simple shell and partially elasticized skirt. Misses' Sizes 10 to 20. State N(10-12-14) or U(16-18-20) when ordering.

OFFER GOOD THROUGH MAR. 31, 1990



5647: Fetire gracefully. Leisure value: housecoat, long robe and bed jacket. Misses' Sizes. State MD(14-16), LG(18-20) or XL(22-24) when ordering.

OFFER GOOD THROUGH MAR. 31, 1990



5646: Perfectly proportioned for Half Sizes. Figure flattering dress has an easy fit waist and comes in three sleeve lengths. Half Sizes. State A(14½ to 24½ included) when ordering.

OFFER GOOD THROUGH MAR. 31, 1990

## Cozy Crochet



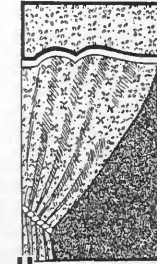
5061: Traditional granny square design crochets quickly into cozy afghan, pillow and slippers. Use lightweight mohair type yarn for pillow and 46" x 64" afghan. For slippers use worsted weight.

OFFER GOOD THROUGH APR. 30, 1990



5652: Nothing's better for the figure than soft, easy lines. Stylish choices: dress or tunic and pull-on skirt. Misses' Sizes. State NN(10-12-14-16) or UU(16-18-20-22) when ordering.

OFFER GOOD THROUGH APR. 30, 1990



## Home Decorating



5120: Express your individuality in home decorating! Curtain package includes charts, yardage formulas and styling tips for drapes, cornice, swag and jabot. Simple directions.

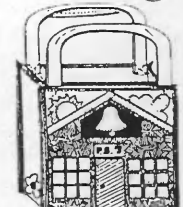
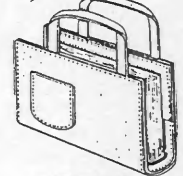
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5557: Sophisticated styling in two pieces. Easy to sew pullover top and trumpet skirt look great together or separately. Misses' Sizes 8 to 18 are included in pattern.

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## TOTE-ALLY PREPARED



6022: Make a tote to suit every occasion. This Workshop tells how to whip up ten different kinds.

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# PATTERNS

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

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

Print Name _____	Pattern No.	Size	Pattern No.	Size
Address _____	_____	_____	_____	_____
City _____	_____	_____	_____	_____
State _____ Zip _____	_____	_____	_____	_____