



Illinois

REN.

RURAL ELECTRIC NEWS

January, 1962

National News Notes

Bill Murray promoted in Washington

■ Bill Murray, former editor of the Illinois Rural Electric News, has been promoted to the position of Rural Area Development specialist in Washington. He is serving on the legislation and research department staff.

Murray joined the National Rural Electric Cooperative Association Washington staff last May as a statewide correspondent. Previously he served nearly 14 years as REN editor.

Clyde T. Ellis, NRECA general manager, announced the promotion. He said in part:

"In the seven months as a member of NRECA's staff, Bill has further demonstrated his abilities. His expanded weekly news service and monthly editorial services for the 27 statewide publications have won him high praise from statewide editors and statewide managers throughout the country.

"Among Bill's greatest assets is that he is well acquainted with our co-op people and he knows our program and has the necessary skills to communicate effectively."

Will new plants help rural areas?

■ Rural industrial plants are generally beneficial to low income rural areas and, though certain changes occur, traditional patterns of rural life are not unduly disturbed.

This is one conclusion of five USDA studies into effects of industrial plants on rural areas. They were focused chiefly on the family, the farm and the community.

Findings showed that rural communities, plagued by chronic underemployment and low incomes, are unable to create a vigorous economic base without assistance.

"The stubborn persistence of extensive economically depressed areas in the United States, despite a 20-year period of unparalleled prosperity for the nation as a whole, is ample reason to doubt the effectiveness of regional and area self-help without some outside assistance," a summary of the studies said.

Rural industries can play a major role in improving the economic health of rural areas by helping to:

1. Shift labor to more productive efforts in communities with extensive underemployment;
2. Raise cash incomes and stimulate other local enterprises;
3. Provide the rural labor force with an opportunity to shift to non-farm employment without the necessity of migrating to distant industrial centers.

Farmers threat to communism

■ "Productivity of the farmer and the resources of American agriculture are the greatest source of strength in our struggle to insure that freedom will prevail in the world."

This was the view expressed recently by Secretary of Agriculture Orville L. Freeman addressing the annual meeting of the Consumer Cooperative Association in Kansas City.

"I am convinced," he said, "that the strongest deterrent to the spread of communism is the very apparent contrast between American agriculture and that of the communists."

In nations where three out of five or four out of five persons till the land, the secretary said, "the most damning argument against communism is the failure and inefficiency of Soviet agriculture and the collapse of the commune agriculture in Red China—in contrast to the abundance produced by a free agriculture in the United States."

Power source control urged

■ "Rural electric cooperatives have got to secure and exercise an effective degree of control over their supply of wholesale power," Clyde T. Ellis, general manager of the National Rural Electric Cooperative Association, told the 24th annual staff workshop of the Farmer Cooperative service in Washington.

"We'll never be free men until this is accomplished," he said. "And I know that similar situations exist in most other areas of co-op activity."

To achieve this goal rural electric systems must have local directors "who can think in terms of many millions of dollars, of new technology, of building generation plants and transmission lines bigger than we could even have conceived of a few years ago. And this means we must have skilled, dedicated, dynamic management."

RURAL ELECTRIC NEWS

Vol. 19 No. 9

January, 1962

Published by
Association of Illinois Electric
Cooperatives

JOHN F. TEMPLE
Editor

JOSEPH P. GAFFIGAN
Associate Editor

JUDY PARKER
Homemaker's Editor

CONTENTS

ARTICLES

Electricity Use Paces Boosts in Living Standards	4
Molding Clay Recently Discovered in Southern Illinois	8
Territorial Protection— Crucial Problem Facing Electric Co-ops	9
Speedy Farmers Have Fun	14
Potatoes in Popular Ways	18
Consider Cafe Curtains	20
Start the Year Right— Eat a Good Breakfast	21

FEATURES

National News Notes	2
Editorial	3
What's New	11
Co-op Newscolumns	12
Smile Awhile	15
Pen Pals	17
Free Patterns	22
Rural Exchange	23

ILLINOIS RURAL ELECTRIC NEWS is the official publication of the Association of Illinois Electric Cooperatives. Publication Office, 240 West Madison Street, Waterloo, Wisconsin. Subscription prices, 60 cents per year. Five cents per copy. Entered as second class matter at Waterloo, Wisconsin, under the Act of March 3, 1879. Postmaster: In using Form 3579, address to Illinois Rural Electric News, Box 1180, Springfield, Ill. Please do not clip off key number. Advertising and editorial inquiries should be directed to the Illinois Rural Electric News, Box 1180, Springfield, Ill.

Advertising representative: Rural Electric Consumer Publications, Shoreham Building, 15th and H Streets, Washington 5, D.C. Member, Illinois Press Association.

JANUARY, 1962

As We See It

Illinois electric cooperatives have no fear of comparison between their operations and those of commercial utilities.

But Illinois people who own and control the electric cooperatives do feel they deserve a fair and truthful appraisal rather than one distorted by selfish interest.

These are the views expressed recently by an Association of Illinois Electric Cooperatives spokesman in comments on a pamphlet being distributed by the Central Illinois Public Service Company.

The association termed the pamphlet "a flagrant mixture of falsehood, misrepresentation and distortion of history."

The pamphlet is "The Facts of the Matter Are . . ." It has been the basis of a series of press meetings staged by the company in eight cities.

"By distorting, quoting out of context and by misrepresenting facts, the pamphlet seeks to harm the local electric businesses which have grown up in Illinois to fill a need of the people," said Association General Manager Thomas H. Moore.

The booklet, he went on, infers that commercial utilities were not permitted to borrow Rural Electrification Administration funds.

The fact is, REA was originally set up to loan money to existing electric utilities who would provide electric power in rural areas.

"Funds are still available through the REA to commercial utilities such as the CIPS Company," Moore pointed out. "But they must be willing to accept the same restrictions on the use of the funds as cooperative borrowers, use the funds for the same purposes and comply with the same accounting requirements."

Private power companies have accused the cooperatives of invading "their" territories.

"The facts of the matter are," Moore declared, "the electric cooperatives were organized to serve an unserved area. When that area becomes properous, the power companies would like for the cooperative members meekly to pull out and turn it over to the power company. In many cases the power companies have forced the electric cooperatives to do this very thing."

This process ultimately could affect every cooperative member. For as remaining territory became less and less economical to serve, in many areas service could not be continued at all without substantial and perhaps prohibitive rate increases.

Private power companies are attempting to divert attention to cooperatives and away from their own monopolistic operations, the state association manager has said.

These operations have resulted in keeping new industries out of the state by maintaining power rates that are among the highest in the nation.

The CIPS booklet says that utilities "have provided at all times an adequate and dependable source of power" for electric cooperatives.

"In many areas the wholesale power supply from commercial utilities is neither dependable nor adequate," Moore said. In some areas it is non-existent. In others, as in Illinois, commercial companies have insisted on restrictive clauses and dual rate provisions in wholesale power contracts with the cooperatives which would be detrimental to the interests of the members the cooperatives serve."

For this reason, Moore explained, the members of three southern Illinois electric cooperatives are now building their own generating and transmission facilities to provide themselves with an "adequate and dependable source" of electric power at a reasonable cost.

OUR COVER.—Construction moves ahead on the Southern Illinois Power Cooperative power plant near Marion. The power plant lake will have a shoreline of 83 miles, an average depth of 18.5 feet. The huge plant will be ready for testing in May, 1963.

Electricity use paces boost in living standards

By John F. Temple

Electric cooperative members all over Illinois plan to increase substantially their use of farm and home electric equipment in 1962, a survey by cooperative power use advisers has disclosed.

These members already are among the best customers of all types of community merchants. They'll get even better.

Cooperative owner-members during the last ten years doubled their average electricity use. They'll double even this rate in the next ten years—or less.

All this means a continuing increase in the prosperity of Illinois, for the state's 27 electric cooperatives now serve some 140,000 members.

Let's take a quick look at the past ten years:

Twenty of the cooperatives boosted their use of electricity to or substantially above the national average.

Every Illinois cooperative showed major increases in electricity use be-



Russell "Dutch" Young Jr., Girard, displays electrical appliances to Roy D. Goode, power use adviser of Rural Electric Convenience Cooperative Co., Auburn.

tween 1950 and 1960 and for some the increases were sensational.

Clay Electric Cooperative of Flora, for instance, had an average monthly consumption of only 87 kilowatt hours in 1950. Wayne-White Counties Electric Cooperative of Fairfield had but 85. These were the lowest in the state.

But each has almost tripled its average—and plans even further expansion.

Biggest consumers among the cooperatives were Clinton County Electric Cooperative of Breese with a 571 average (as compared with 233 in 1950) and Illinois Valley Electric Cooperative of Princeton with 544 (289 in 1950), followed by Corn Belt Electric of Bloomington with 541 (295 in 1950).

What does this mean to area merchants and what are specific plans of cooperative members for the future?

Here are revealing excerpts from power use surveys completed this month:

Randall L. Beasley, power use adviser, Coles-Moultrie Electric Cooperative, Mattoon:

"One electric appliance dealer said 80 per cent of his sales were rural, which are mostly co-op members. He said 75 per cent paid cash. In about 15 years he remembers only one re-possession. He said that without rural customers his store would go broke."

Roy L. Morris, power use adviser at Wayne-White:

"A dealer informed me that he expects the leading sales during the next year or two at least to be on automatic washers and dryers, followed by home freezers, replacement of ranges and refrigerators, and sales of built-in ovens and electric stove tops. He anticipates a 15 per cent increase in business from co-op members."

Roy D. Goode, power use adviser for Rural Electric Convenience Cooperative Co., Auburn:

"Wives in this area are particularly interested in new built-in electric ranges when they remodel their kitchens. Husbands seem to think this is a good idea, too.

"Russell 'Dutch' Young Jr. and his partner, Bill Burke of Girard Build-

ing Materials, Girard, recently added electrical appliances to their lines. They're fine merchants and they recognize the growing demand on the part of co-op members for electrical goods."

Robert Vander Pluym, power use adviser for the Clinton County Electric Cooperative:

"One dealer told me:

"As a new dealer I would already be out of business were it not for the rural electric co-ops. More than 50 per cent of my business comes from rural electric co-op members.

"Farms in my area are becoming more modern every day, only because electricity is available at reasonable prices from the local electric co-op.

"There's no doubt in my mind that the electric co-ops are the finest thing ever organized in this country. Future sales look real good. Promotions by the co-ops have also helped sales quite a lot."

Vander Pluym himself said:

"I know co-op members have done more for the electrical appliance and equipment dealers than any other group. The farmer spends thousands of dollars more for electrical equipment than I do. He does this because he needs more equipment, in the home and outside, to make his farm more mechanized. This is because of the acute labor shortage"

Damon Williams, manager, Norris Electric Cooperative, Newton, reported:

"I feel that farmers are probably the most misunderstood people in the world by people other than those living in rural areas

"A farmer to be successful must be a good manager, mechanic, planner, business adviser, and possess a million other skills

"This type of person will take advantage of all advances in appliances and additional benefits to himself and his family quicker than any group in the world."

Williams and Carl Mitchell, Norris electrification adviser, quoted a spokesman for Weber Brothers of Teutopolis in this manner:

"We sell a lot of electrical equipment to people on Central Illinois Public Service Company lines but we sell far more to people on cooperative lines.

"Here's a check for nearly \$1,000 that one of your members just now gave me for a recent purchase. We have done unusually well in our sales of electrical appliances during the last few years but we expect to do much better in the next two or three years.

"Even the home freezer market is not saturated yet and many farmers

AVERAGE PER MEMBER MONTHLY CONSUMPTION OF ELECTRICAL ENERGY

Name of Co-op	1950	1960
Adams Electrical.....	168	386
Clay Electric.....	87	247
Clinton Co. Elec.....	233	571
Coles-Moultrie Elec....	190	372
Corn Belt Electric.....	295	541
Eastern Ill. Power.....	292	535
Edgar Electric.....	172	367
Egyptian Electric.....	157	362
Farmers Mutual Elec.	306	458
Illini Electric.....	257	451
Ill. Rural Elec.....	155	297
Ill. Valley Elec.....	289	544
Jo-Carroll Elec.....	256	481
M. J. M. Electric.....	189	379
McDonough Power....	280	519
Menard Electric.....	238	414
Monroe Co. Elec.....	184	374
Norris Electric.....	145	323
Rural Elec. Conv.....	248	457
Shelby Electric.....	214	446
Southeastern Ill.....	116	247
Southern Ill. Elec.....	94	219
Southwestern Elec....	216	438
Spoon River Elec.....	230	413
Tri-County Elec.....	139	334
Wayne-White Co.....	85	227
Western Ill. Elec.....	229	462
Total	5464	10,864
Average	202	402

are just now becoming interested in air conditioners, electric heat, clothes dryers, air purifiers, grain drying equipment, silo unloaders and bunk feeders.

"Everyone, even industry and the working man in cities, can't help but receive some benefit when farmers are spending that kind of money."

Williams pointed to Raymond Pitcher of near Jewett and Garland Beard of near Dieterich as examples of young, vigorous, hard working farmers who are turning more and more to electricity to make their operations pay better.

L. V. Hard, power use adviser for the Illinois Valley Electric Cooperative, reported:

"There is a tremendous potential in the lines of materials handling and in automated farm equipment. The average farmer is well aware that he must produce more, with less physical labor. . . .

"Nearly all the people I contacted expressed a desire for more information on equipment improvements.

"C. E. Diller of Diller Implement Co., Princeton, told me, 'I certainly have high regard for the farmer as a customer and I would like to emphasize that the improvements we've noted would not have been possible if it

were not for electric power on the farm.' "

Victor G. Ketten, power use adviser, Southwestern Electric Cooperative, Greenville, reported:

"It is the consensus of many farmers that crop-drying equipment and automatic feeding equipment will lead the field in the next year or two. . . .

"Use of electricity by co-op members has done more to improve the lot of the farmer and the economic growth of the entire area than any single factor."

Ketten quoted Floyd Bingaman, Brownston appliance dealer, as saying:

"As the use of electricity on the farm has grown, so has my business, and it will continue to grow as the farmer's use does.

"The farmer's acceptance of electric appliances has increased tremendously in recent years and he is ready to buy the newest and most up-to-date products as they are developed.

"Today the farmer lives as conveniently as his city brother, and he isn't apt to let himself drop very far behind in his living standards."

Ketten continued:

"Fred Bugg of Moro R.R. 1, credits co-op electricity for his opportunity to go into business. He's getting one 4,000 laying flock into production, plans another in the spring and sees his use of electricity growing steadily since he plans eventually to have a flock of 20,000 laying hens.

"And Paul Yagow of near St. Elmo has seen use of electricity on the farm now managed by his son, Stuart, grow from 40 kwh monthly in 1940 to over 1,000 monthly in 1961. They plan additional equipment."

Cyril M. Anderson, electrification adviser, Eastern Illinois Power Cooperative, Paxton, reported:

"Bob Kellerhals, proprietor of Kellerhals Electric of Cissna Park, told me he has sold about twice as many appliances in 1961 as in 1960. He hopes to double his volume in 1962. . . . About half of his volume is with co-op members.

"And in the small but live-wire village of Woodworth which our co-op serves, we have a dealer and electrical contractor, the Leonard Ecker family, that obtained at least 75 per cent of its business from co-op members. Their 1961 business was much better than that of 1960—and they'll do even better in 1962. . . ."

So goes the story. Hard working Illinois electric cooperative members and those who serve them are planning even better days ahead. Together they'll make vital contributions to the prosperity of their communities and to the economy of the entire state.

At Last—A Hospitalization

Pays \$100.00 Weekly from First Day for

NO WAITING PERIODS * ONLY YOU CAN CANCEL



If you are the one American in four who does not drink, the Gold Star Total Abstainers' Hospitalization Policy will pay you \$100.00 a week in cash, from your first day in the hospital and

will continue paying as long as you are there, even for life!

If you do not drink and are carrying ordinary hospitalization insurance, you are of course helping to pay for the accidents and hospital bills of those who drink. Alcoholism is our nation's #3 health problem, ranking immediately behind heart disease and cancer! With the GOLD STAR PLAN you are not called upon to help pay the high bills for the ailments and accidents of those who drink. GOLD STAR rates are based on the SUPERIOR HEALTH RECORDS of Non-Drinkers!

For the first time, you can get the newest and most modern type of hospitalization coverage at unbelievably low rates, because the Gold Star Policy is offered only to non-drinkers. And your low Gold Star premium can never be raised because you have grown older or have had too many claims. Only in the event of a general rate adjustment up or down for all policyholders can your rate be changed!

One out of every seven people will spend some time in the hospital this year. Every day over 64,000 people enter the hospital—47,000 of these for the first time!

READ WHAT A BLESSING
THIS PROTECTION HAS BEEN TO OTHERS

EVELYN J. PRATT, Arlington Heights, Illinois—"Thank you for the very prompt settlement of my claim. I am telling all my friends about the wonderful insurance I have!"

RALPH C. HARBER, Streator, Illinois—"I received my check. Thanks a lot. It was in our church paper that I found out about your policy. Glad there is a policy for non-drinkers."

C. ORAL LOWE, Harvey, Illinois—"I assure you that I appreciated the check that was sent me as a result of a fractured wrist. Your promptness in settling the claim is also to be noted and remembered."

REV. ANTON DARNIS, Zion, Illinois—"When I took out this policy, I had not the least idea that I would need it so soon. I had been in good health for over nine years without a sick day; and I hoped that it would never be necessary to go to a hospital as I never had been in a hospital. This attack of pneumonia was a sudden surprise, but I thank God for the "Good Samaritan" De Moss Associates that gave magnificent help in this time of need."

REV. RAY NOWLIN, Clinton, Illinois—"Your check was received yesterday. It fully satisfied the claim for the one week I was in the hospital with pneumonia. I heartily appreciate the service you are rendering to the public. As in the past, I shall highly recommend your insurance company to my many friends, both in and outside my church."

MR. WM. C. MOORE, East Alton, Illinois—"I want to sincerely thank you for the quick and courteous service. My illness was very sudden and unexpected; as I had had my policy only a short time. I thank the Lord for your Company. I can truly recommend the Gold Star Policy to anyone."

LOW RATES FOR NON-DRINKERS

With a Gold Star Total Abstainers' Hospitalization Policy, you receive \$100.00 per week in cash, as long as you remain in the hospital, starting from your very first day there, for either sickness or accident. If your hospital stay is less than one week, you still collect at the rate of \$14.29 per day. Even if you are already covered by another policy, the GOLD STAR PLAN will supplement that coverage, and will pay you directly, in addition to your present policy. And your benefits are tax-free!

This wonderful, generous protection costs only \$4 a month for each adult, age 19 through 64, or \$40 for twelve full months. For each child under 19, the rate is just \$3 for a month's protection. And for each adult of age 65 through 100, the premium is only \$6 a month, or \$60 for a full year.

And remember, with Gold Star, the NO LIMIT Hospital Plan, there is NO LIMIT on how long you can stay in the hospital, NO LIMIT on the number of times you can collect (and the Company can never cancel your policy), and NO LIMIT on age!

Compare this plan with others. We welcome comparison because the GOLD STAR PLAN pays from the very first day (we can't pay any sooner); and it pays forever . . . as long as you remain in the hospital (we can't pay any longer!).

GUARANTEE

Money-Back Guarantee

We'll mail your policy to your home. No salesman will call. In the privacy of your own home, read the policy over. Examine it carefully. Have it checked by your lawyer, your doctor, your friends or some trusted advisor. Make sure it provides exactly what we've told you it does. Then, if for any reason whatsoever you are not fully satisfied, just mail your policy back within ten days, and we'll cheerfully refund your entire premium by return mail, with no questions asked. So, you see, you have everything to gain and nothing to lose.

This is the same GOLD STAR PLAN
as offered in the following
leading publications.

- American Agriculturist
- Capper's Weekly
- Dakota Farmer
- Farm Journal
- Farm & Ranch
- Farmer Stockman
- The Farmer
- Grit
- Life & Health
- National Livestock Producer
- Prevention
- Reader's Digest
- Rural New Yorker
- Workbasket



Plan for Non-Drinkers Only!!

Life to readers of Illinois Rural Electric News

NO AGE LIMIT * NO SALESMAN WILL CALL

CHECK THESE REMARKABLE FEATURES:

- Only YOU can cancel.
- Good anywhere in the world!
- Pays in addition to any other hospital insurance you may carry.
- All benefits paid directly to you in cash — tax free!
- Claim checks are sent out Airmail Special Delivery!
- No age limit.
- Immediate coverage! Full benefits go into effect noon of the day your policy is issued.
- No limit on the number of times you can collect.
- Pays whether you are in the hospital for only a day or two, or for many weeks, months, or even years!



- No policy fees or enrollment fees!
- Ten-day unconditional money-back guarantee!
- Every kind of sickness and accident covered except, of course, hospitalization caused by the use of alcoholic beverages or narcotics, pre-existing conditions, pregnancy, or any act of war. Everything else IS covered!

HERE ARE YOUR GOLD STAR BENEFITS

Pays you \$100.00 weekly for life while you are in the hospital.

Pays \$2,000.00 cash for accidental death.

Pays \$2,000.00 cash for loss of one hand, or one foot, or sight of one eye.

Pays \$6,000.00 cash for loss of both hands, or both feet, or sight of both eyes.

OUTSTANDING LEADERS SAY—



UPTON SINCLAIR, Pulitzer Prize Author: "I think your idea of giving people the insurance discount which they earn by not shortening their lives with alcohol is a brilliant one, and I am glad to be counted in on it."



DR. DANIEL A. POLING, noted minister and Editor of The Christian Herald: "The advantages of a hospital plan which is available to non-drinkers only are obvious. The lower rate is made possible because you are not paying the bills for the illnesses and accidents of those who use alcohol."



J. C. PENNY, philanthropist, Founder of the J. C. Penny Company: "I have a sincere conviction that liquor is one of the chief causes of unhappiness both to the people who drink and to those who are near and dear to them. Early in my life I decided not to touch liquor. I am delighted to know of the De Moss Gold Star Total Abstiners' Plan that provides a premium rate so much lower. This is the way it should be because most automobile and other accidents occur because of drinking."

This plan offered exclusively by

DE MOSS ASSOCIATES, INC.
VALLEY FORGE, PENNA.

and Affiliates

"Special Protection for Special People"

HERE'S ALL YOU DO:

- 1 Fill out application below.
- 2 Enclose in an envelope with your first payment.
- 3 Mail to De Moss Associates, Inc. Valley Forge, Pa.

You will receive your GOLD STAR POLICY promptly by mail.
No Salesman will call.

APPLICATION FOR

Gold Star Total Abstiners' Hospitalization Policy

My name is _____ 1-4281-012
 Street or RD# _____
 City _____ Zone _____ State _____
 Date of Birth: Month _____ Day _____ Year _____ Height _____ Weight _____
 My occupation is _____
 My beneficiary is _____ Relationship _____

I also apply for coverage for the members of my family listed below:

	NAME	AGE	HEIGHT	WEIGHT	BENEFICIARY
1.					
2.					
3.					

To the best of your knowledge and belief, have you or any person listed above ever had high or low blood pressure, heart trouble, diabetes, cancer, arthritis or tuberculosis or have you or they, within the last five years, been disabled by either accident or illness, had medical advice or treatment, taken medication for any condition, or been advised to have a surgical operation? Yes _____ No _____

If so, give details stating person affected, cause, date, name and address of attending physician and whether fully recovered: _____

Neither I nor any other person listed above uses alcoholic beverages, and I hereby do apply for a policy with the understanding that the policy will not cover any conditions existing prior to the issue date, and that it shall be issued solely and entirely in reliance upon the written answers to the above questions.

Date: _____ Signed: X

FORM GS 713-3

HERE ARE THE LOW GOLD STAR RATES		IF YOU PAY MONTHLY	IF YOU PAY YEARLY	THE GOLD STAR PLAN is underwritten by the following leading companies (depending upon your State of residence): NATIONAL LIBERTY LIFE INSURANCE COMPANY Valley Forge, Penna. OLD SECURITY LIFE INSURANCE COMPANY Kansas City, Missouri WORLD MUTUAL HEALTH & ACCIDENT INS. CO. OF PENNA. King of Prussia, Pa.
	Each adult age 19-64 pays	\$4.	\$40.	
	Each adult age 65-100 pays	6.	60.	
Each child age 18 and under pays	3.	30.		

SAVE 16 2/3% BY PAYING YEARLY!

MAIL THIS APPLICATION WITH YOUR FIRST PREMIUM TO **DE MOSS ASSOCIATES, INC. VALLEY FORGE PENNA.**

Molding Clay recently discovered in Southern Illinois

One of Three
Known Deposits
In United States



James V. McCabe operates shovel which takes big bite of molding clay. Solid vein of 30 feet makes digging easy. A 20 year supply is here.

A 20-year supply of a rare molding clay has been found about 11 miles northeast of Metropolis in an area served by the Southern Illinois Electric Cooperative of Dongola. It now is the basis of a thriving new area industry.

Dr. W. Arthur White, head of clay resources and clay mineral technology at the University of Illinois, found the clay several months ago on a routine geological field search. He took several samples and test borings to confirm his expectations.

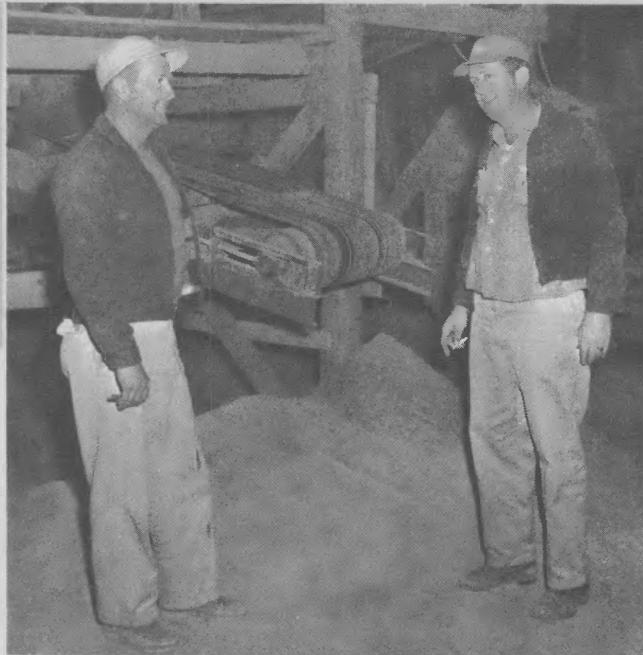
This quality makes it valuable in steel making. The clay up to then only in Alabama. A third deposit was found recently in northern Illinois near Ottawa.

What is this clay and what makes it so special?

It contains such a finely balanced proportion of minerals (kaolinite, illite, and quartz) that with proper moisture content, it adheres to surfaces when sprayed under air pressure.

This quality makes it valuable in steel making. The clay is sprayed about eight inches thick on the surfaces of ladles and cupolas (furnaces) and it makes a monolithic (solid, crack-free) wall or surface.

Too, the clay is highly refractory (fuse resistant) thus serving as its own release and eliminating the problem of



James V., left, and Clarence McCabe discuss production problems. Strip mining experience makes clay mining a natural for the McCabes.

metal sticking to the ladle or cupola. This clay lining withstands temperatures up to 3200 degrees.

The high temperatures of molten metals ranging from 800 to 1800 degrees broke down the old type clay and brick linings. Cracks had to be repaired and bricks replaced laboriously by hand. Since this new clay withstands much higher temperatures, repairs are less frequent and when needed the spray method means much saving of time and labor.

Getting the clay mined and to market is a standard procedure. The owners, Illinois Clay Products Co., of Joliet, employed McCabe Brothers of Stonefort, strip miners, to do the first test mining of clay.

The McCabes dug and processed the clay, took it to a foundry, and applied it to a cupola. The clay demonstrated its potential.

A contract was executed in September, 1960, for full scale strip mining, processing, and loading by McCabe Brothers, while the clay products company built and furnished equipment for the necessary plant.

The deposit is a good one. Under the 18 to 20 feet over burden lies a vein of 25 to 30 feet of clay. In the period from July, 1960 to July, 1961, 12,000 tons of clay were dug, processed and shipped to market. Part of this period covered test mining before actual full-scale production got under way.

The plant now produces at the rate of 100 tons per eight-hour day.

Important to the operation is the railroad line which runs along one edge of the deposit. A siding makes shipment to market easy.

About 50 per cent of the production is shipped bulk in box cars, about 45 tons to the car. A man on a tractor-end-loader handles this loading job.

The other 50 per cent is shipped in 94 pound bags. Some customers prefer this packing for handling and storage purposes. From 35 to 42 bags are stacked on a palate and moved quickly with a fork-lift. These palates nest one on top of another.

Some of the best known industrialists in the country buy this clay product. Among them are Pontiac Motors, Ford Motors, International Harvester, John Deere, J. I. Case, Griffin Pipe, and many others. Most shipments go to the midwest.

This is an interesting and valuable addition to the business economy of southern Illinois. A perfect combination—the raw material and the skilled men to dig, process, and ship to market—makes it work.

Territorial Protection—

A Crucial Problem Facing Electric Co-ops

By Terry Gunn
Editor, Rural Electric Minuteman

"Those thin poles will fall down," the story tellers said 25 years ago. "These electric co-ops will drag you into bankruptcy."

And as if those tales weren't enough, a fantastic claim was spread saying that "the co-ops ran tainted and unusually dangerous electricity through their lines."

In spite of the wild stories spread about co-ops in their formative years, they grew and got their job done.

Yet the fiction writers never tire. Propaganda attacks continue. Take the latest charge that the "electric co-ops are expanding into suburban, city and industrial areas."

A silly statement? Yes, but it was written by a responsible writer and has been spread far and wide as the basis for the latest campaign against the co-ops.

The plain fact is that just the opposite of this statement is happening. The growing population of the nation is moving into the suburbs—into territory which the rural electric co-ops have been serving for years.

Ordinarily such propaganda would make very little difference. But in this case it has a potential effect on you, the co-op's member-consumers.

The effect ultimately will be on your electric service and your light bill.

Here's how!

The propaganda is designed to discredit your co-op's right and responsibility to serve the territory to which it brought electric service in the first place when no other power supplier would do so.

Thus the private utility that was either unwilling or unable to electrify the area when it was sparsely populated will now be handed the business when it has become more thickly populated.

After this happens a couple of times

the co-op is left with territory so thin that even cooperative enterprise will be unable to continue to provide service at rates you can afford to pay.

As long as cooperative rural electrification has been able to grow with the country its service and its rates have continued to improve for consumers. Rate figures bear this out. (See chart.)

Whether your co-op can continue to serve the territory it developed, therefore, becomes an important issue for a great many rural consumers.

REA Administrator Norman Clapp says, "I know of no more serious threat to the continuation of a strong rural electrification movement than these territorial encroachments. However, some co-ops are not up against the menace themselves at the moment and their leaders seem to feel that this is a problem for others—but not for them.

"They could not be more tragically mistaken. . . . In some states serious erosion of borrower territory is already



JAMES D. HOLLOWAY, Illinois state representative from Sparta, whose views on how electric cooperatives can further their legislation programs have received national attention.

underway, and it is conceivable that this will continue until too few rural supporters remain to secure protective legislation.

"We must have state legislation which will protect the territory developed by our cooperatives and preserve the right of the co-ops to continue to serve their territories and everyone in them."

In 1961 the rural electrics in Wisconsin and Oklahoma won territorial protection in their legislatures. Nebraska, Colorado, New Mexico, and Oregon, won partial protection. Six other states sought but failed to get protective legislation. Texas failed to get revision of restrictive laws. Illinois failed in its bid for exemption.

Administrator Clapp believes that the decisive battles for survival of electric co-ops must be fought in the state legislatures. And the member-owners of the co-ops will have to lead that fight in order to assure that their systems can continue to serve them at reasonable rates.

Illinois State Representative James D. Holloway, of Sparta, says: "I do not suggest the rural electric systems get into politics, but that their owner-members, acting as private citizens, must get better acquainted with their legislators."

Holloway outlined a four-point program for legislative success.

He suggests: (1) Personal contact with legislators by co-op members as individuals; (2) Showing appreciation to legislators for past support; (3) Favorable comments on friendly legislators in statewide publications and co-op newsletters, and (4) Keeping legislators well informed on co-op problems.

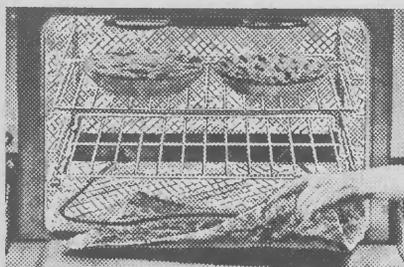
"Let me remind you that a legislative program begins at home, not at the Capitol," said Holloway. "When you fail in your endeavor to gain favorable legislation, it is because you have failed to convince your legislators that you need them—and they need you."



No more scouring,
scraping or
scrubbing with
Kelvinator
Throw-Away
Aluminum
Oven Linings

KELVINATOR ENDS THE DRUDGERY OF OVEN CLEANING!

*Now clean entire oven in
20 minutes and for 20c!*



SPILL-OVERS are "thrown-away" in seconds for only 3 cents. Just whisk out bottom lining and even the messiest stains are gone with no scouring, scraping or scrubbing of any kind.

Yes, now have a sparkling clean oven without any slaving with scouring pad or scrub brush.

Kelvinator Throw-Away oven linings catch all the mess. Even caked-on grease spatters are no problem. Just whisk out the dirty linings, slip in new ones . . . and, presto, a spotlessly clean oven!

Caution: Don't try aluminum linings in any oven but a Kelvinator as it may change the heating characteristics. Kelvinator ovens are especially designed to bake and

broil perfectly with these patented throw-away aluminum linings.

Only Kelvinator brings you wonderful work-savers like this because Kelvinator doesn't make costly annual model changes . . . mere change for change's sake. Instead, Kelvinator concentrates on basic improvements, bringing them to you just as soon as they are tested and approved. Because of this Constant Basic Improvement program, you are always sure of the newest with Kelvinator!

SEE YOUR **Kelvinator** DEALER NOW!

Division of American Motors Corporation • Detroit 32, Michigan

See your Kelvinator Dealer

- BELLEVILLE, ILLINOIS**
Roy L. Eidman Appliance
- BLOOMINGTON, ILLINOIS**
Hermes Refrigeration
- CAMP POINT, ILLINOIS**
Adams Electrical Co-op
- CENTRALIA, ILLINOIS**
B. F. Goodrich Co.
- CHAMPAIGN, ILLINOIS**
B. F. Goodrich Co.
- DANVILLE, ILLINOIS**
Meis Bros. Dept. Store
- DECATUR, ILLINOIS**
B. F. Goodrich Co.
Rusk Appliance Co.
- EASTON, ILLINOIS**
Fager Hardware
- ELDORADO, ILLINOIS**
Southeastern Ill. Elec. Co-op
- ELLIOTT, ILLINOIS**
W. D. "Bud" Kretzler
- HARRISBURG, ILLINOIS**
Farmers Supply Co.
- HERRIN, ILLINOIS**
Brown & Colombo
- HIGHLAND, ILLINOIS**
Roland Harris Furnishings
- HOOPESTON, ILLINOIS**
Sheridan's Fixture Co.
- JACKSONVILLE, ILLINOIS**
B. F. Goodrich Co.
- JERSEYVILLE, ILLINOIS**
Sponsler's North End Appliance
- LEWISTOWN, ILLINOIS**
Lewistown Locker and Appliance
- LINCOLN, ILLINOIS**
Clapper's Lincoln Tire & Appliance
- MATTOON, ILLINOIS**
Neal Tire Service
- MINONK, ILLINOIS**
Ford's Electric Shop
- MONTICELLO, ILLINOIS**
Aabells Sales and Service
- MOUNT STERLING, ILLINOIS**
Adams Electrical Co-op
- OLNEY, ILLINOIS**
B. F. Goodrich Co.
- PEORIA, ILLINOIS**
Del's Appliance, Inc.
B. F. Goodrich Co.
- PONTIAC, ILLINOIS**
Jim Campagna
- QUINCY, ILLINOIS**
B. F. Goodrich Co.
- SIDNEY, ILLINOIS**
Floyd F. Erb
- SPRINGFIELD, ILLINOIS**
A. Dirksen and Sons
B. F. Goodrich Co.
- VANDALIA, ILLINOIS**
B. F. Goodrich Co.
- VIRDEN, ILLINOIS**
Hendrick's Home Furnishings
- WASHBURN, ILLINOIS**
Beschornor Electric

Save on Kodacolor

and Black and White Photo-Finishing
Kodacolor rolls developed 80c, Jumbo Prints
23c each. Black & White rolls developed &
printed, 8 Exposure 45c, 12 Exposure 60c. 8
hours in plant. Sent to you Postpaid. La-
Crosse Film Service Dept. 1D-1, LaCrosse,
Wisconsin.

What's New?

● Food Warmer



The newest kitchen servant for housewives is the Everglo Infra-red Food Warmer developed by Valor Enterprises of Hazel Park, Michigan. Working on the same theory used in restaurant and hotel kitchens, the device utilizes infra-red energy to keep meals warm for hours.

Completely portable, the Food Warmer can be used anywhere in the home. Food to be kept hot is simply placed beneath the energy shelf. A bracket is provided for custom mounting the appliance under an overhead kitchen cabinet.

Of vinyl-clad construction, it is available in colors and is sold for \$19.95.

● Fry Pan-Broiler

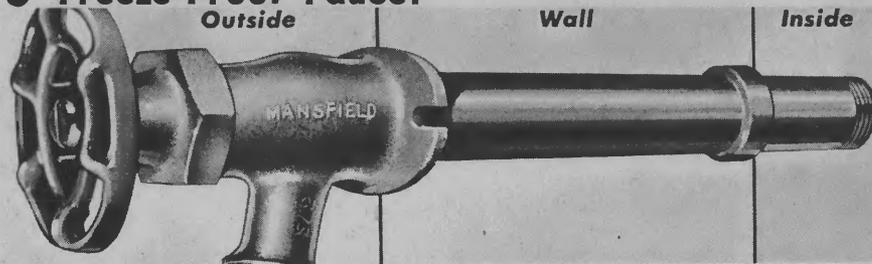


Westinghouse now produces an immersible electric fry pan that also is a broiler. The corox broiler element similar to that found in an electric range is removable and when removed both the pan and the lid can be immersed for cleaning.

Combination broiling and frying or baking or browning is achieved by alternating the heat control between the lid and pan.

The new broiler-fry pan is priced at \$37.85.

● Freeze-Proof Faucet



Homeowners, plagued by winter freezing and bursting of outside faucets, will welcome a new device just introduced by Mansfield Sanitary, Inc., Perrysville, Ohio.

Called a Frost-Proof faucet, it looks, is installed, and works exactly like any other outside water shutoff. But, by means of an extension tube and valve seat, it shuts off water inside the building, where it is warm. No water reaches the freezing zone. Prices will vary from \$4.50 to \$6, depending on the length of the extension tube needed.

● Electric Tooth Brush



Announced by General Electric is this new automatic toothbrush, which retails for \$19.95, and comes as a set consisting of three basic elements. It has a power handle containing a nickel-cadmium rechargeable battery which drives a motor; four snap-in, snap-out brush inserts in different colors for family identification; and a recharging holder with a charging unit that is UL-listed.

The automatic toothbrush incorporates special motion and construction features that give better cleaning than usual hand brushing. It is said to give healthful care for the gums and extreme safety in use because no electric cord is attached to the brush.

Across the Manager's desk

Illinois Rural

During the month of December, 1961, as we were reviewing the results of our operations for the year 1961, to establish the trends indicated, that we could use in preparing our



S. R. Faris
Manager

1962 budget and annual work plans, we were encouraged by the fact that the average increased kilowatt-hour use per month, per member in 1961 was considerably over what it had averaged over the past three or four years.

When this fact was revealed, the staff showed more enthusiasm in digging into the difficult job of preparing the 1962 annual work plans and budget. A considerable amount of discussion took place as to developments in the use of our service during 1961 resulting in the increase. The record shows that more and more of our member-consumers have reached the wise conclusion that they can save money by going all-electric and getting the lower unit cost resulting from the increased use of electric power.

In addition, we find the development of the use of electric power for farming operations outside of the house, for pig brooding, automatic livestock watering, silo unloading, livestock feeding operations, grain drying, and many more such jobs, progressed considerably during the year 1961. Those of our staff who work with our members assisting them in planning installations of this kind are of the opinion that there will be more rapid growth and development of such uses of electric power on our system each year in the future. This opinion is based on the fact that costs can be reduced considerably, by employing electric power for such jobs.

We have tried not to be too optimistic about these indicated trends

in preparing our 1962 budget, with the result that some of our staff feels that we have been too conservative in our revenue estimates for 1962. We hope so, as we all would enjoy a year when revenues exceeded our estimates, and we would not have to cut back and defer work which we think is important and necessary to provide our member-consumers with the best possible electric service.

WATCH PRIVATE POWER COMPANIES

One of the things we need to be concerned about in 1962 and future years is the concentrated effort now being made by our large Private Power Companies to discredit the rural electric cooperatives. No doubt, many of you have seen articles published in many of our leading newspapers, resulting from the Press Seminars held during the period of November and December, 1961, throughout the service area of the Private Power Company who serves the urban areas in this cooperatives service area. Representatives of newspapers, radio, and television attended these seminars where Division Managers of the Power Company gave them a formal presentation of material which they indicated were the facts about the rural electric cooperatives. These "so-called" facts appear to us as being prepared and presented with the idea in mind of discrediting the program rather than an attempt to present the true facts and history of rural electrification. We are sure that all of our members were as shocked about this action as we are.

We certainly have no fight with the Private Power Companies, as we have always felt that, they have a big job to do in this country and are doing it well, and our job is to do that which they can't.

We do not now intend to attempt to discredit the Private Power Company who has seen fit to attack us, but we have included in our 1962 plans a program which we hope will result in telling the real truth about the rural electric program.

We urge that every member of the

electric cooperative and all other electric cooperatives get the true facts about their organization and tell them to everyone who will listen.

Clinton County

The directors of your co-op, manager and employees would like to take this opportunity to wish all of you a very Happy and Prosperous New Year. A suggestion for a New Year's Resolution might be,



Joseph Heimann
Manager

"Support the business you as members own and control, and GO ALL ELECTRIC." This resolution, if kept, will pay dividends in many, many ways.

THE FACTS

Your co-op is an organization that is owned and controlled by the members, and not by the government or absentee owners. The co-op pays taxes and is not subsidized by the government. It's a non-profit organization that was organized to bring electricity to the millions of Americans living in the rural areas, who had no other economical method of obtaining electric power. Money borrowed from the government to build these rural electric lines is being repaid with interest.

It's not a government give-away program as some advertisements in newspapers, magazines etc., sponsored by the giant power companies, appear to make it. The electric co-ops are committed to serve all, large or small users, at the lowest possible cost, in the rural areas of America. In many areas, these consumers are widely scattered and average fewer than one consumer per mile.

Cost of building these lines is much more than building in a city where there are probably hundreds of consumers per mile. Even with this high cost of building the co-ops are able to hold their rates to a minimum, because we don't do millions of dollars worth of spending on advertisements filled with propaganda. The cooperatives would rather hold their rates to a minimum, and provide good and dependable electric service for all their rural consumers.

Twenty-five years ago the private utilities wanted no part of the rural consumer, unless the consumer wanting electric power would pay the cost of building the electric line, and then agree to a minimum per month which was almost impossible to pay. In other words they didn't intend to spend any money on which they had to take a chance. The rural electric cooperatives were then formed, and took these chances. The rural consumer helped by using many electrical appliances, and now the rural electric cooperatives are a sound non-profit organization. We suggest you as members keep fighting for what you have, and support your electric cooperatives by participating in all the co-op's activities, and by going all-electric.

Sometime after January 1, the co-

op will hold a number of Member Information Meetings in various parts of the co-op service area. When you receive notice of the meeting in your area, be sure to attend. Many interesting subjects will be discussed, and we want all members to participate.

METER LOOPS

New meter loops will be furnished and installed by the co-op for those members using 15,000 kilowatt-hours in any 12 consecutive months, or for those members who install electric heat.

Tri-County

ATOMIC WAR

This column is being written just prior to Christmas and at this time of year who wants to think about what to do in case of atomic attack, yet it is a subject on which we should be informed.



H. G. Downey
Manager

We are facing two philosophies. God versus Godlessness and Democracy versus Communism and the two can't live together, so conflict seems to be inevitable.

In tomorrow's war we can't wait till the war starts to train, go fight and try and win. Space has been so drastically reduced an atomic missile can be started and reach the United States before you finish reading this publication.

Therefore, we must all have some knowledge of how to survive. You hear some say "If it's so bad as they say it is, I don't want to live on the earth after an attack."

Have you ever stopped to consider that is just what some people want you to think. They want you complacent and ignorant. Let's remember the United States is large and even after an atomic attack there will be many untouched areas — and subsequent radioactive decay will lessen the danger of contamination after fallout has descended to earth.

Further, you have the following facts on your side for staying alive.

1. If a bomb exploded nearby you have an hour or longer to prepare or take shelter.
2. 48 hours after fallout comes down it is only 1 percent as dangerous as when it fell.
3. Fallout does not mean the end of all life on earth, even if hundreds of bombs were exploded.
4. If you sense a bomb explosion, don't look at the light, it may blind you.
5. Seek immediate protection, a street curb, behind a building, a basement.
6. After x-rays and gamma rays, which travel about 1000 years, comes heat. A 20 megaton bomb could cause 2nd degree burns up to 25 miles unless you are protected.
7. Then comes the blast which picks up all kinds of objectives and hurls them about like missiles.

8. If fallout reaches your clothes—remove them outside the place you designated as a shelter, including shoes and wash yourself completely including your hair.

9. Have a portable battery operated radio in your fall-out shelter so you can receive civil defense instructions.

10. You're very interested in survival of your livestock. Write to U.S. Department of Agriculture, Washington 25, D.C. and ask for Farmers Bulletin No. 2107 "Radio Active Fall-out on the Farm".

M.J.M. Electric

Having been threatened twice very recently by ice storms, we thought it would be a good idea to outline our plans for maintenance and repair of lines in case of a major storm or disaster. We hope this plan is like insurance, nice to have, but very nice if we never need it.



Ora Snider
Manager

In case of storm conditions, all employees should keep themselves ready for emergency service.

The area service men will survey the extent of the damage in their area. They will then notify the Carlinville office and if they need extra help and equipment, the line superintendent will dispatch men and equipment to them. Should the damage be to such an extent that we do not have enough crews to restore service in 24 to 36-hour period, the Association of Illinois Electric Cooperatives will be notified. The State Association will call other co-ops in the state to send crews and equipment to your co-op area to help restore service. The extra crews from other cooperatives will be handled according to the rules and procedures set up in the Illinois Emergency Aid Program.

Substations will be restored to service first. When the substation is in service, two crews will clear the substation feeders and one crew will restore service to the single-phase taps. Lines having the greatest number of consumers will be restored to service first. Individual outages will be handled after all feeder lines and taps have been restored.

The Carlinville office will be open 24 hours a day during emergency periods. We urge that you do not contact the home of the area men during these times. Direct your calls to the office at Carlinville. This will be the center of operations and all work will be directed from there.

During an ice storm, service is usually restored before the ice leaves the lines. When the ice begins to leave, we will de-energize the lines by shutting off the substations for about a 30-minute period. This prevents what we call "burn downs" which are caused by the ice coming off the bottom conductor, and causing it to fly up and hit the top conduc-

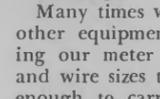
tor, welding the two together and causing them to burn through and fall down. By de-energizing the lines for a short period, we can eliminate many serious and lengthy outages.

Trees next to the line are always a threat to the line, and during ice and wind storms, they can cause a great many outages. If you have trees that overhang the lines or could drop limbs on the lines, please notify your co-op office and we will remove them for you. This is a big step in preventing many outages during ice and wind storms.

Illinois Valley

Dear Member:

We are again approaching the time of year when the maximum of strain is placed on our wiring systems. The days are long and lighting loads are at their greatest, stock water heaters are very widely used, and the brooding loads are starting. It is with these thoughts in mind that we ask that caution and due consideration be given to the capacity of your wiring system before additional loads are added.



Millford Jontz
Manager

Many times we add heat lamps and other equipment without first checking our meter loops, entrance boxes, and wire sizes to see if they are large enough to carry the load. The electricians in many areas are happy to assist in the checking of your wiring system.

ESSAY CONTEST

The Board of directors has decided to sponsor the essay contest this year as it did in 1961. Complete plans have not been laid out at this writing; however, contest rules and the subject matter should be available in the very near future.

CONGRATULATIONS

The cooperative would like to add its congratulations to the 4-H winner from this area. The trips to the 4-H Congress are very much enjoyed by the adults as well as the youth of the nation.

The cooperative was glad to assist the Stark County Farm Bureau in presenting their annual meeting. The meeting was held December 16, at the Toulon High School. The principal speaker was William J. Kuhfuss, president of the Illinois Agricultural Association.

The power use department presented a talk and film on lighting of the farmstead to the ladies of the county while the men were having their business meeting. Special emphasis was placed on adequate light for safety, with a demonstration of decorative lighting to highlight the program. It was indeed a pleasure to assist in this way and we are always happy to fill in on a program of this type.

* * *

Best regards for a happy and prosperous new year.

Corn Belt

Watch for your notice. The annual members meeting date has been set tentatively as February 20. Notices and report for 1961 will be mailed to you in February. Your directors are con-



T. H. Hafer
Manager

sidering some by-law changes to suggest and if these are decided on in time they will be explained in the notice. We are hoping to include in the program a line safety demonstration by our linemen with our safety instructors who lead our safety program for all the electric co-ops in Illinois. This will be educational but interesting and will keep your attention at a high pitch.

DIRECTORS MANAGEMENT SCHOOLS

Yes, your directors do go to school. At various times our state and national associations arrange for management institutes for advanced training of directors and staff in subjects which will help them handle their duties for our co-op. One such school is being held early in 1962 on the subject of "Financial Planning." The Directors and Manager have a heavy responsibility in planning not only month to month but year to year and long range financing. The aim is to give members lowest rates for electricity with long range security for the co-op. We are sure our members appreciate this extra study given to this important subject.

FREE ELECTRIC BLANKETS

The lucky members for whom we have free electric blankets have not yet called for them. We are listing the numbers once more, and adding one for this month. We are also listing once more the easy blanks to use if you are interested in the special blanket deal or a night light.

Here are the lucky location numbers—if yours is listed write the co-op office or drop in for your free electric blanket: 46A14, 30A31, 47A4.

If you are interested in outdoor lighting fill out and mail to co-op the following request:

Please mail me more details on the night lights available from the co-op.
Name
Address
Map Location

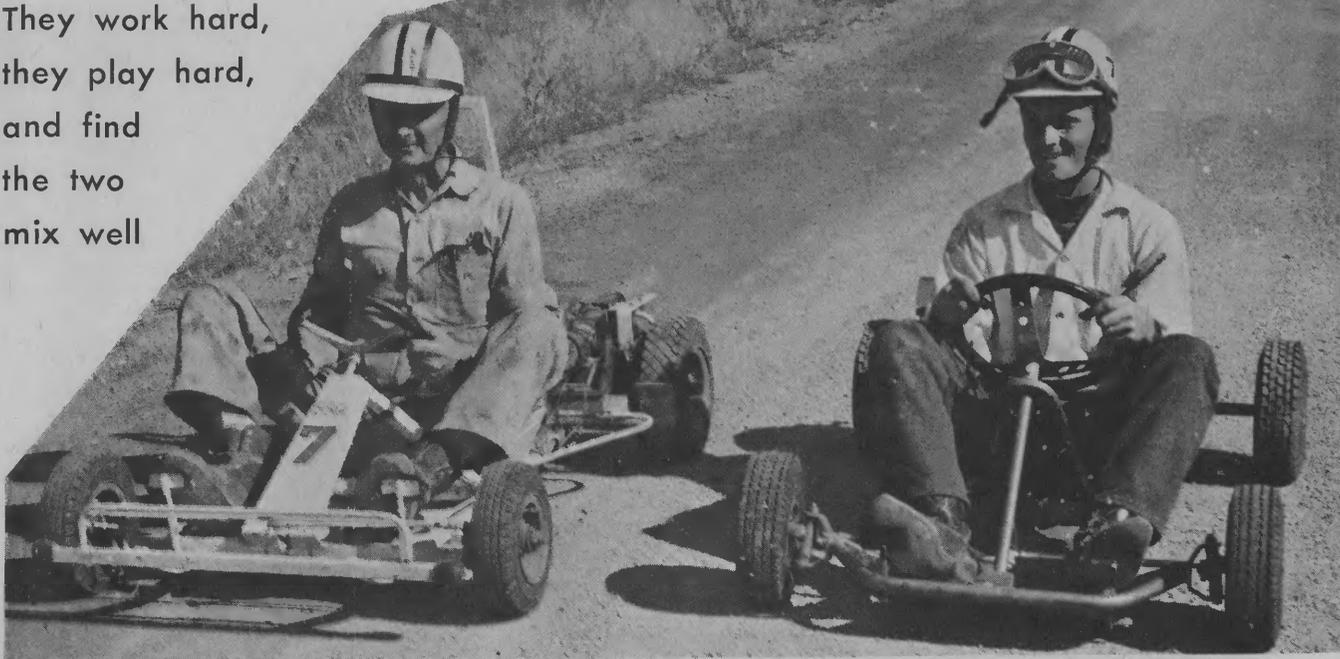
ELECTRIC BLANKET

We are not merchandising regularly but we have an electric blanket deal for members which is too good to keep a secret. If interested send in the following request:

Please send me the details on Electric Blanket Special.
Name
Address
Map Location

Speedy Farmers Have Fun

They work hard,
they play hard,
and find
the two
mix well



Tackitt, left, poises in his twin-engine speedster ready to stand off challenge of son-in-law Jim Ruger. Speeds up to 70 miles per hour can be quickly reached with these single and twin-engine jobs.



Jim Ruger, left, and Harvey Tackitt show off some of trophies won in various races at nearby tracks.

Did you ever strap yourself aboard a snarling 98-pound mechanical monster called a go-kart — and blast off?

Man, that's living.

So says Harvey R. Tackitt, 52, a lean twinkling-eyed farmer of near Flora, and his wife, Margaret, who both find these dynamite-packed demons fascinating.

One of those broncs can leap from a starting line and—for a short distance—make a plush Detroit road locomotive green with envy.

"You don't go as fast as you think," Tackitt said with disarming innocence during a recent interview.

"That's because the pickup is so terrific and you sit only a couple of inch-

es or so above the ground. The noise also helps give the impression you're almost flying."

You look down at one of those simple appearing contraptions of four small wheels, a metal platform, a tiny steering wheel and two little engines that, you think, should be out driving a chain saw.

But don't accept Tackitt's invitation to climb aboard. Don't!

If you do he'll strap you to the flat, hard-cushioned seat so you can't get away. He'll jam your big feet into position against the accelerator and the brake and coax those twin engines into roaring, impetuous life.

Off you go. Swish! The kart leaps and you've no time to go back for your stomach. Turn the wheel a fraction of an inch and the car swerves enthusiastically to the right or left.

You've forgotten which foot covers the tiny brake pedal. You push one. Wrong foot. The rear wheels spin and your head snaps back and the monster takes off down the track. You turn. The howling demon slides around a curve. You're still on four wheels. (Tackitt said you couldn't turn over.) You take off down a straightaway and around and around you go, burning the wind.

Burning? Son, you were only going about 20 miles an hour. Some of those

twin-engine jobs will do 70 and a few owners insist they'll go a lot faster. You'll never find out for yourself.

The Tackitt family decided on go-karting as a recreational project that would keep them close to home.

On the karting "team" in addition to Mr. and Mrs. Tackitt are three children, Pattie Sue, 14, Harvey Robert, 12, and James, 10, plus a stepson, Jack Pickell, 25. Another daughter, Hattie, and her husband, James E. Ruger, live nearby and are karting enthusiasts. They've two future racers, Vickie Lynn, 4, and Jeffrey J., 8 months.

Together the men farm 410 acres, two-thirds of it in crops with plenty of pasture for 64 head of cattle. So finding a site for their home track was no problem. The hog lot was selected. No comment yet from the hogs.

The family has one \$300 single-engine job and two \$400 twin-engine beauties.

All this started last spring and after awhile the family team began visiting tracks at West Salem, Sumner, Fairfield, Noble and Mt. Vernon. The men have won several race trophies.

"Our go-karting is important to us now. So is the Clay Electric Co-op that serves our farm. We wouldn't want to do without either," Tackitt said.

Smile
Awhile

FIRE FIGHTIN' DOG

The neighborhood kids had congregated in our front yard when a fire truck zoomed past. Sitting on the front seat was a Boxer dog. The children fell to discussing the dog's duties in connection with the fire truck.

"They use him to keep the crowds back when they go to a fire," said a five-year-old girl.

"No," said another, "they carry him for good luck."

The third, a boy about six, brought the argument to an abrupt end. "They use the dog," he said firmly, "to find the fire plug."

A GOOD THING

Two waiters were standing at a table over which a loaded customer had fallen asleep. Said one:

"I've already awakened him twice. Now I'm going to awaken him for the third time."

"Why don't you throw him out?" asked the other waiter.

"The devil I will," said the first waiter. "I got a good thing going for me. Every time I wake him up he pays his bill."

TRUE FISHERMAN

A fisherman was hauled into court charged with catching ten more black bass than the law allows.

"Guilty or not guilty?" asked the judge.

"Guilty," said the fisherman.

"Ten dollars and costs," said the judge.

After paying the fine cheerfully, the defendant asked, "And now, your Honor, if I may, I'd like several copies of the court record to take to show my friends."



MISTAKEN IDENTITY

A woman breezed into a doctors' office for a physical examination. Seeing nobody around, she went into a little ante room took off all her clothing and the moment she heard something stirring in the next office, she burst through the door and said: "Doctor, I'm worried about myself, I want you to tell me quite frankly what's wrong with me."

The man surveyed her slowly from



head to foot. Finally, he replied: "Madam, I've got three things to tell you. First, your weight should be reduced by about 20 pounds. Second, you use too much lipstick and powder. Third, I'm a public accountant. The doctor's office is on the floor below!"

MADDENING MOMENTS

The five-year-old was showing a kindergarten classmate the new weight scale in the bathroom.

"What's it for?" the visitor asked.

"I don't know," the five-year-old said. "All I know is, when Mom stands on it, it makes her very mad."

EARLIEST TOMATO
JUNG'S WAYHEAD
 BIG RED FRUITS RIPEN EARLY AS JULY 4th. Regular price 15c per pkt., but to introduce Jung's Quality Seeds we will send you a trial pkt. of Wayhead Tomato and also a pkt. of GIANT HYBRID ZINNIA which bloom from early summer until frost and rival chrysanthemums in size and beauty. Both pkts. for 10c.
 Beautiful 55th Year Catalog, in full color, of the better things to be had in Seeds, Bulbs, Plants and Shrubs is free. A Premium Coupon in catalog.
J. W. JUNG SEED CO.
 Station 102—Randolph, Wisconsin

5 1/2% FEDERAL LAND BANK LOANS ARE MADE FOR ALL AGRICULTURAL PURPOSES

THIS INCLUDES:

- Purchase and improve farm real estate.
- Purchase or build a home.
- Provide facilities for processing, storing and marketing farm products.
- Any need of the farm family on or off the farm.
- Purchase of livestock, equipment, supplies.
- Pay operating expenses, taxes.
- Refinance debts.
- Provide operating capital.

SEE OR WRITE YOUR NEAREST FEDERAL LAND BANK ASSOCIATION

- | | | | |
|-------------|------------|------------|-------------|
| AMBOY | DECATUR | JOLIET | OTTAWA |
| BELLEVILLE | DEKALB | KEWANEE | PITTSFIELD |
| BLOOMINGTON | EFFINGHAM | LINCOLN | PRINCETON |
| CARLINVILLE | EUREKA | MACOMB | QUINCY |
| CARROLTON | FREESPORT | MONMOUTH | SPRINGFIELD |
| CHAMPAIGN | GALESBURG | MORRISON | WATSEKA |
| CHARLESTON | HARRISBURG | MT. VERNON | WOODSTOCK |
| DANVILLE | HILLSBORO | OREGON | |





ILLINOIS ELECTRIC cooperative managers recently presented John G. Waggoner, right, Coles-Moultrie co-op manager, with a wrist watch at a dinner meeting in Springfield. Waggoner is retiring this year. He is one of seven original incorporator-directors of the cooperative, its first president and its only manager. From left at the dinner are S. R. Faris, Illinois Rural Electric Co., Winchester; Maurice Johnson, Edgar Electric Cooperative, Paris; C. M. Douglas, Monroe County Electric Cooperative, Waterloo; M. M. Jontz, Illinois Valley Electric Cooperative, Princeton, and president of the state managers' association, and Mr. Waggoner. W. L. Walker, manager of the Shelby Electric Cooperative, Shelbyville, and an old friend of Waggoner, made the presentation.



"Hi, Mom, time to wake dad to wake me for school."

New Early Tomato

An extremely early tomato, often ripening big red tomatoes by July 4th, has been developed at the Jung Farms in Wisconsin. You can obtain a trial packet of this tomato by sending 10c to the Jung Seed Co., Box 30, Randolph, Wis. They will not only send you this tomato seed but also a packet of the glorious Giant Hybrid Zinnias and a copy of their 55th catalog, America's most colorful 1962 seed catalog.

BLACKOUT!

GET POWER BACK FAST WITH A WIN-POWER TRACTOR-DRIVEN GENERATOR

Most economical and dependable source of emergency farm power. PTO or belt-driven, supplies full power for lights, heat, radio, TV, motors, pumps, brooder, milker and cooler, automatic feeders, etc. Cheaper than insurance; fully tax-deductible. 20 year warranty. Low cost, rental, or lease.

WRITE FOR FREE FOLDER

WINPOWER, Dept. IS3, Newton, Iowa

NAME _____

ADDRESS _____

CITY _____ STATE _____

Rural Exchange reaches over 430,000 people each month. See page 23.

MIRACLE TOMATO

Yields **2 BUSHELS** To a Vine



Now—you can grow the world's most amazing Tomato right in your own garden and get 2 to 3 bushels of delicious tomatoes from a vine.

BURGESS CLIMBING TRIP-L-CROP

TOMATO grows 16 to 20 ft. high with huge fruit weighing as much as 2 pounds and measuring 6 in. across. Fine, meaty, solid tomatoes, wonderful flavor. Unexcelled for canning and slicing. Outyields all other known varieties. Grows any place.

Special Offer: Regular 50¢ Pkt. only **10¢** 3 for 25¢ (Limit 3 Pkts.)

FREE: BURGESS Garden Guide Catalog listing many unusual Seeds, Plants, and Bulbs.

BURGESS SEED & PLANT CO.

102-K Galesburg, Mich.



PEN PALS

Hi Pen Pals,

Christmas has come and gone. Along with it has come and gone a short vacation and now back to school for awhile. Wasn't it a wonderful time, though, all during the beloved Holidays? How about dropping your Pen Pals a note and telling them about your Christmas and the wonderful times you had? Here are some new Pen Pals waiting to hear from you, too! Send any letters for publication to: Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Ill.

P.S. Happy New Year to each and everyone of you!

* * *

LIKES SPELLING

I am eight years old and in the fourth grade at Brushy Grade School. I have brown hair and brown eyes. I weigh 49½ pounds. My birthday is November 7. I like to ride bicycles. Do I have a twin? My favorite subjects in school are Spelling and Reading. I would like to hear from boys and girls between the ages of eight and ten.—Vernon Leon Bond, R.R. No. 1, Galatia, Ill.



* * *

LIKES ROCK 'N' ROLL

I am ten years old. I am in the fifth grade. I go to Central School. I have brown hair and blue eyes. I am four feet, three inches tall and weigh 70 pounds. My birthday is December 29. Do I have a twin? I have a Hi-Fi set and over 50 records. My hobbies are listening to Rock 'n' Roll, skating, swimming and twirling. I would like to hear from boys and girls of the ages between nine and 14. I'll try to answer every letter I receive.—Ruth Ann Grizzle, R.R. No. 1, Salem, Ill.

* * *

ENJOYS SWIMMING

I am nine years old. I go to Sunday School. My hobbies are bike and horseback riding. I also like to go swimming. I like picnics. I have yellow hair and blue eyes. I live in the country on a farm. We have a play house. I live in a two-story house. I have fun drawing. I have a red bike. I have my own room. I go to Bible School in the summer. I will write to anyone my age. — Sandra La-Croix, R. R. #1, Burnside, Ill.

JANUARY, 1962

WANTS PEN PALS

I am 12 years old and will be in the seventh grade. I have dark brown hair and blue eyes. My birthday is March 9. My favorite singers are Ricky Nelson and Elvis Presley. My favorite stars are Edd Byrnes and Mickey Callan. My favorite hobbies are collecting different things, making scrap books on Ricky Nelson and Edd Byrnes. Also I like to ride horses. I would like to hear from boys and girls of all ages. I will try to answer all letters I receive. I would like to have a picture, if possible. — Judie Monroe, Ridgway, Ill.

* * *

COLLECTS STAMPS



I am nine years old. My birthday is December 31. I am in the fourth grade. My hobbies are skating and stamp collecting. I would like to hear from boys and girls between the ages of eight and 11. I will answer all letters. — Nancy Boyd, R.R. No. 8, Decatur, Ill.

* * *

COLLECTS SMALL TRINKETS

I am 13 years old. I have blue eyes and dark blonde hair. My birthday is January 2. I go to the Energy Grade School. I am in the seventh grade. My hobby is collecting small trinkets and writing letters. I will exchange pictures and answer all letters. — Jeanette Loyd, R. R. #3, Box 125, Marion, Ill.

* * *

DO I HAVE A TWIN?

I would like to have a Pen Pal. Do I have a twin? I am 16 years old, five feet, five inches tall and weigh 119 pounds. I have blonde hair and blue eyes. I like music, sports and dancing. I love to play Baseball, Tennis, Badminton, and go swimming. Even if I don't have a twin, please write anyway. I go to Rova High School in Oneida. I am a Junior. I have both an older brother and sister. I promise to answer all letters I receive. Please send a picture, if possible. I, in return, will send you a picture. I would like to hear from girls and boys of all ages.—Lela Pyles, R.R. No. 2, Victoria, Ill.

* * *

LOVES ROCK 'N' ROLL

I am 14 years old. My birthday is June 7. I am five feet, two inches tall weigh 115 pounds. I live on a 150-acre farm. I like to listen to Rock 'n' Roll music. My favorites are Connie Francis, Elvis Presley, Fabian, Frankie Avalon and Annette. I also like to ride horseback and write letters. I would like to hear from boys and girls 14 to 16. — Judy Hale, Box 192, R. 2, Clay City, Ill.

LIKES TO CLEAN HOUSE

I am 12 years old and have blonde hair and blue eyes. I am five feet, four and one-half inches tall. My birthday is November 27. My hobbies are collecting movie star pictures, cleaning house, collecting Rock 'n' Roll records, and playing the piano. I go to the El Paso Centennial Grade School. I would like to have Pen Pals from the ages of 12 to 16. I will answer all letters I receive. Send a picture, if possible.—Susan Stimpert, R.R. No. 1, Carlock, Ill.

* * *

ENJOYS READING

I am 12 years old and my birthday is August 10. I have brown hair and brown eyes. I am five feet, seven inches tall and I weigh 121 pounds. I go to Grafton Grade School. I like to read fiction and love stories mostly. I like horses but I don't know how to ride them. I would like to hear from boys and girls 11 to 15 years of age. I will try to answer all letters I receive. I would like a picture, if possible.—Kara Waggoner, Box 241, Grafton, Ill.

* * *

TWIRLS BATON

I am 11 years of age and my birthday is March 9. I am five feet, two inches tall. My hair is brown and my eyes are blue. I have two brothers, one is Terry, six years of age and the other is Ronnie, 16 years of age—so you see I have a brother five years older and one five years younger. My hobbies are playing the piano and twirling the baton. I also like to cook and do sewing. I live on a farm and in the winter time we are usually snowed in. I would like a Pen Pal or Pen Pals—age doesn't make any difference. Do you live in Illinois? That is the first question I would like to know.—Connie McMillen, R.R. No. 1, Rosamond, Ill.

* * *

LIKES CHEMISTRY

I am nine years old, five feet tall, weigh 86 pounds. I have light brown hair and blue eyes. My birthday is July 10. My hobbies are collecting different kinds of rocks, driving the tractor and making things with my chemistry set. I am in the fifth grade at Waltonville Grade School. I would like to hear from boys and girls between the ages of nine and 13. I will try to answer all letters.—Kirby Lynn Laur, Scheller, Ill.



* * *

LIKES HILLBILLY MUSIC

I am 13 years old and will be a Freshman at Bridgeport Township High School. I am five feet, five inches tall. My birthday is October 13. My eyes are brown and my hair is brown. I love to listen to hillbilly music. Some popular songs are o. k. but hillbilly is better. I like to dance, cook and write long letters. I would like to hear from girls between the ages of 13 and 14. I will answer all letters I receive — Dorothea Powden, R. R. #1, Bridgeport, Ill.

for the homemakers

By Judy Parker

*Potatoes are
easy to prepare
good tasting
versatile
suitable for any meal
reasonable in price
and rich in food nutrients*



Variations for Scalloped Potatoes are endless—try sour cream, chopped onion or chives

POTATOES are more plentiful than they were a year ago and they store well in a dark, cool place, preferably 45 to 50 degrees. And, of course, if you don't grow your own it's cheaper to buy in quantity.

Of all the vegetables, the potato has long been and still is the favorite. Consumption of fresh potatoes in households averages about five or six potatoes per person per week.

Here's a calorie comparison that may surprise you. A medium-sized potato—boiled, pressure-cooked, or baked—provides about 100 calories, approximately the same as a large apple or orange, or half a large grapefruit. It's the added fat or gravy that can greatly increase the calories in the potatoes served. Of course, fried potatoes may be two to four times as high in calories as the same weight of boiled potatoes.

It's worth remembering, too, that potatoes offer more than calories. In fact, potatoes give a high return in food value for the money spent on them. If you serve potatoes every day, they'll contribute faithfully to your family's supply of vitamins C and B, iron and other minerals.

To get the most food value from potatoes bake them or cook them whole in their jackets in as little water as possible to save the vitamins. When you bake them solo, set your oven at 425 degrees. But if you have other foods in the oven that require lower temperatures, just tuck the potatoes in, too—they'll bake nicely anywhere

between 350 and 450 degrees. No wonder they star in oven meals! New potatoes are not suited to baking.

QUICK POTATO SOUP

- 2 cups thinly sliced raw potatoes
- ¼ cup finely chopped onion
- 1½ cups boiling water
- 1½ cups milk
- 1 tablespoon butter or margarine
- ¼ teaspoon Worcestershire sauce
- 1 teaspoon salt
- pepper

Add potatoes and onion to boiling water. Cover, cook 15-20 minutes. Mash potatoes lightly with fork to thicken soup. Add milk, butter and seasonings. Heat. For a touch of color, garnish each serving with chopped parsley, grated cheese, croutons, diced crisp bacon or finely cut watercress or chives. For variation, cut two frankfurters into slices and add them to soup with milk.

PARSLEY POTATOES

- ¼ cup butter or margarine
 - 4 medium cooked potatoes
 - 2 tablespoons finely cut parsley
- Melt butter and pour over hot potatoes. Sprinkle with parsley.

POTATOES WITH FRANKS

- 8 frankfurters
- 2 cups seasoned mashed potatoes
- ½ cup grated cheese
- Paprika

Slit franks lengthwise almost through, spread open, place cut side up on greased baking sheet. Heap mashed potatoes on franks, using one-fourth cup for each. Sprinkle with grated cheese and paprika. Heat at 400 degrees 15 minutes.

SCALLOPED POTATOES

- 2 cups thinly sliced raw potatoes
- 1 tablespoon flour
- 1 teaspoon salt
- Pepper
- 1 cup milk
- 1 tablespoon butter or margarine

Put a layer of potatoes in greased baking dish and sprinkle with some of flour and seasonings. Repeat until all is used. Pour milk over and dot with butter. Cover, bake at 350 degrees 30 minutes. Remove cover, continue baking until tender—about 30 minutes. If desired chopped onion may be cooked with potatoes. Or add cooked meat, diced or thinly sliced, in alternate layers with potatoes. Or top with grated cheese.

HOT POTATO SALAD

- 3 cups diced raw potatoes,
- 4 slices bacon
- ¼ cup finely chopped onion
- 1 tablespoon flour
- 1 teaspoon dry mustard
- 1 teaspoon salt
- 1 tablespoon sugar
- ½ cup water
- 1 egg, beaten
- ¼ cup vinegar

Cook potatoes in small amount salted water until tender. Drain. Cook bacon until crisp. Remove from pan, chop. Using two tablespoons bacon fat, cook onions until golden. Blend flour, mustard, salt and sugar into fat. Stir in water, boil two minutes. Add about two tablespoons of hot mixture to beaten egg, then stir this into rest of mixture. Add vinegar, reheat. Pour hot dressing over hot diced potatoes. Mix in chopped bacon. Serve hot.

SOUFFLE POTATOES

Peel six potatoes carefully, cut each crosswise in slices one-eighth inch thick, making sure they are as uniform in thickness as possible. Cut the ends so as to make them oval shaped. Soak a few minutes in ice water while you are heating a kettle of lard to about 360 degrees, no higher. Remove from water, dry each slice thoroughly, drop a few at a time into the fat, shake and keep separate in kettle. Remove them just as they start to brown. (This is important). Drain on a towel, allow to cool. Now heat the fat good and hot 400-450 degrees and again put the potatoes in hot fat, shake kettle. Do not crowd potatoes together. The thin slices will puff up into miniature footballs, hollow inside with crisp shells. Remove when golden, salt and serve piping hot. Potatoes must be oldish and of even texture. New potatoes will not puff.

POTATO PANCAKES

- 2 eggs, beaten
- ¼ cup milk
- 2 cups grated, ground or shredded
- 2 cups grated, ground or shredded raw potato
- 1 tablespoon grated onion
- 3 tablespoons flour
- 1 teaspoon salt
- pepper

Combine beaten eggs and milk, add potatoes to mixture as soon as each cup is

Potatoes in Popular Ways



prepared. Use only pulp of potato, not liquid. Add onion, flour, salt and pepper. Mix well. Drop by tablespoonfuls onto a hot lightly greased griddle. Stir the mix before dropping each pancake. Cook slowly until they are brown and crisp on bottom, turn and brown other side. If cooked too fast they will scorch before cooked through. Serve immediately as meat accompaniment or with applesauce.

BEEF HASH

- 2 medium onions, sliced
- 2 tablespoons bacon fat
- 4 medium potatoes, cooked
- 2 cups leftover diced beef

Milk

Saute onions in fat until soft. Add potatoes and beef and enough milk to moisten. Add seasoning to taste. Cover skillet and simmer until under side of hash is well browned. Slide onto a hot platter, garnish with parsley.

GOULASH

- 2 cups diced leftover beef
- 1½ lbs. potatoes
- 1 cup water
- 1 No. 2 can tomatoes
- 1 lb. small onions
- 2 tablespoons butter or margarine

Combine meat with potatoes which have been pared and cut into one-inch dice. Add water and tomatoes, cover, cook until potatoes are tender. Meanwhile peel and slice onions, saute in butter until soft and yellow, or leave onions whole and boil in enough water to cover just tender. Add to meat and vegetable mixture. Season to taste, serve hot.

POTATO KISSES

- ¾ cup hot mashed potato
- 2 teaspoons melted butter
- 1 lb. powdered sugar, sifted
- 2½ tablespoons cocoa or 1½ squares chocolate
- 1 teaspoon vanilla
- few grains of salt
- ½ lb. moist cocoanut

Put hot potatoes through ricer to remove lumps, then beat in butter. Put potatoes in mixing bowl, beat in sugar. Add cocoa, beat thoroughly. Mix in vanilla, salt and cocoanut. Drop by teaspoons onto waxed paper. Keep mounds regular in shape and size. Place in refrigerator to harden. Hardened candy should be kept tightly closed.

REFRIGERATOR ROLLS

- 1 pkg. yeast
- ½ cup warm water
- ½ cup soft butter or margarine
- ½ cup shortening
- ¼ cup sugar
- 1 cup unseasoned hot mashed potatoes
- 1 cup cold water
- 1½ teaspoons salt
- 6-6½ cups sifted flour

Sprinkle yeast onto warm water in large bowl, stir to dissolve. Stir in butter, shortening, sugar, potatoes, then cold water, salt and enough flour to make stiff dough. Place dough in large greased bowl. Brush top with salad oil; cover tightly with waxed paper or foil, refrigerate. To use dough cut off only as much as needed, returning rest to refrigerator, covered. Shape dough as desired, brush lightly with melted butter, cover with towel, let rise in warm place until doubled in bulk. Bake at 425 degrees 20-25 minutes.

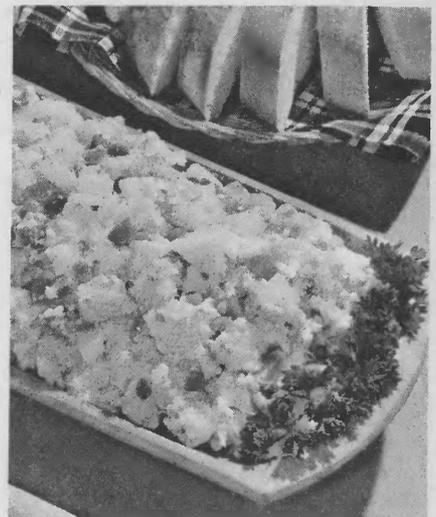
QUICK SURPRISE ROLLS

- ¾ cup lukewarm milk
- ½ cup mashed unseasoned potatoes
- 2 tablespoons sugar
- 1 teaspoon salt
- 1 cake yeast
- 6 tablespoons soft shortening
- 2-2½ cups sifted flour

Mix together milk, mashed potatoes, sugar, salt. Crumble yeast into mixture. Stir until dissolved and add shortening. Add just enough flour until easy to handle. Mix and knead. Shape into desired shapes. Let rise until double in size (45-60 minutes). Bake at 400 degrees 15-20 minutes or until brown.

CHOCOLATE POTATO CAKE

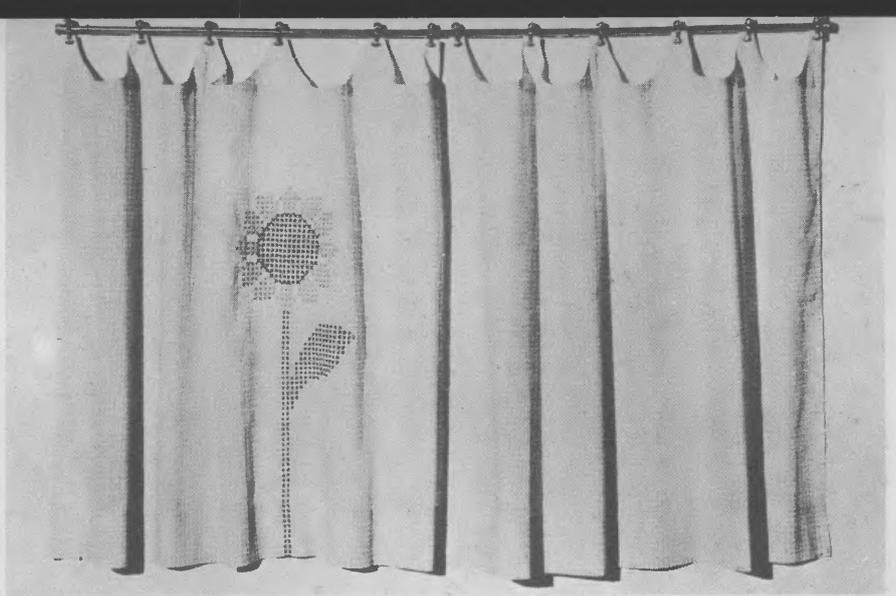
Cream ½ cup shortening with ½ cup sugar until well blended. Add 4 beaten egg yolks, 1 teaspoon vanilla, and mix well. Combine 1 cup hot mashed potatoes with ½ cup commercial sour cream. Beat until light, and add to the creamed shortening. Sift together three times: 1 cup sifted cake flour, 1 teaspoon baking soda, ½ teaspoon salt, and blend into the other ingredients. Stir in ½ chopped nuts and one 4-ounce package grated sweet baking chocolate. Beat 4 egg whites until foamy, then gradually add ½ cup sugar while beating until stiff peaks form. Fold the whites into the batter. Bake 50 minutes, at 350 degrees, in an ungreased pan.



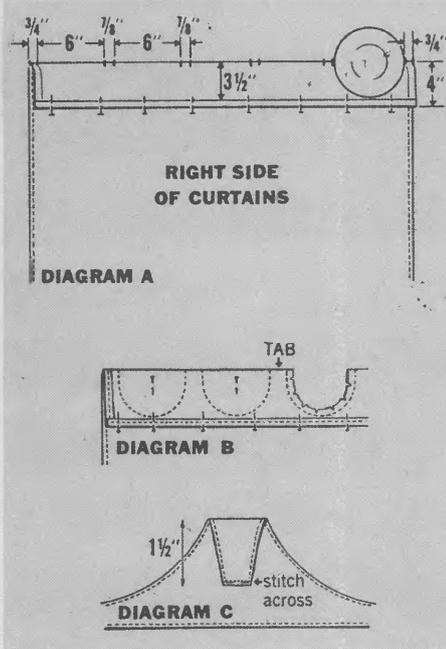
This hot potato salad has a German accent



Potatoes and franks will delight small fry



Cafe curtains—very contemporary and tailored in checked gingham with cross-stitch. This free pattern (No. 9) is offered on our regular pattern page this month.



FOR INFORMAL window dressing, cafe curtains remain the favorite of the home-maker. They're easy to wash and iron, and can be opened readily to let in light or closed for privacy. Best of all, you can quickly create these little curtains on your sewing machine. Variations are endless. New rods, decorative rings and smart new fabrics make decorating job easy. Described here is a new way to make basic cafe curtains. Please remember the width of the curtain should be at least twice the width of the window—but really-full curtains look even smarter.

MAKING YOUR BASIC CURTAINS . . .

(1) Straighten ends of fabric and pull grain into right angles, if necessary. (2) Cut each panel to required length. (3) On side edges, turn selvages under one-half inch; stitch. If fabric is used crosswise, make narrow hems. On panels over 35 inches side finished, make left-hand side-hem only. See step 7. (4) Turn top edge under one-half inch; stitch (omit this step if selvage is at top). (5) Fold top edge four inches to right side. Pin as shown; press. (6) When top edge is selvaged, mark a line across folded section three and one-half inches below fold, as shown in Diagram A. This is a guide line for placing saucer. (7) To mark scallops, use a six-inch saucer. Along top fold of curtain, mark intervals as shown in Diagram A which illustrates a finished 35 inch wide panel. On wider panels, begin and continue in the same way, allowing one and one-fourth inches beyond last scallop. Trim excess fabric at wide edge. Make right hand side hem. (8) Place saucer in six-inch intervals with bottom edge on three-and-one-half inch line (or raw edge of hem), as shown. Mark out scallops with pencil. (9) Place pins in centers of scallops. Stitch around scallops. Trim out scallops one-fourth inch from stitching. Notch seam allowance as shown in Diagram B. (10) Turn to right side, bringing out corners of tabs between scallops. Top-stitch along edge of scallops. (11) Fold each tab one-and-one-half inches to wrong side, forming a loop. Stitch across end of tab as shown in Diagram C, making sure to backstitch at each end of stitching line to secure thread. (12) Turn up a hem as required. Some styles have bound edges, need no hems. Curtain borders can be V-shaped or scalloped; the curtains can be hung from rings or merely slid onto rods; and matching or contrasting materials can be used for tiers.

Cafe curtains—very Parisian, in informal provincial print with fringe border, used here to make two widely spaced single windows look like big picture window.

Consider cafe curtains



Start the year right ...eat a good breakfast



You don't have to be an artist to please a child. Spell out cheery message or initials on cereal with raisins. Crayon Humpty-Dumpty on breakfast egg before popping into water

• Breakfast is that all-important meal for everyone in your family, especially for youngsters in school. Studies show that all persons, particularly growing children, can work, play and learn best if they have from a fourth to a third of their daily food requirement at the start of each day. A good breakfast can sometimes make the difference between a dunce and a bright scholar. So if you think your child's grades haven't been matching his inherited abilities, give a little thought to his breakfast habits and menus that could make the difference between an "A" report card and one that's not so good.

When you sit down to breakfast, you are usually breaking a fast of more than ten hours, the time between your last meal the night before and your first meal of the new day. It's the longest period in 24 hours in which you do not eat a meal. Refueling your motor at this time of day with a breakfast high in protein, rich in vitamins and minerals offers you rewards in energy, faster reactions and less fatigue.

Something else happens when you encourage children to eat a nourishing breakfast. They learn their good eating habits early in life—an essential step in establishing good dietary patterns for the stress and strains of later living.

Because milk furnishes both high quality protein and calcium, it's a must in the breakfast of both young and old. Children who fail to get enough at breakfast time, often don't have enough milk during the day. Although it's best to like milk as nature made it, there are many ways to add appeal.

Vitamin C is another important part of a good breakfast. Citrus fruit or tomato juice in the morning is an easy way to get enough of this needed vitamin.

With an abundant supply of food in such great variety, there's no need to stick to the same breakfast, day after day.

Home cooked rice, oats and cream of wheat are least expensive cereals. Hot cereals have more appeal on cool mornings. A special treat for children is to use fruit-flavored powdered gelatin instead of sugar with hot cereal. It gives color as well as flavor. Brown sugar is a nice change for cereal in addition to raisins.

We know that morning can be a pretty

busy time in any household. If you're naturally a slow starter, you may want to make some breakfast preparations the night before. And, of course, time saving electrical equipment can practically do the job for you.

With an automatic coffee maker all you have to do is place the water and coffee in the pot and the coffee will brew just the right length of time, then remain hot until everyone's served. If you plug the coffee maker into your clock-radio, the coffee will start to perk by itself when the radio goes on and wakes you up. Eggs and bacon are a breeze with an electric skillet that heats quickly and evenly; a strong spatula or turner, paper towels to drain bacon on. There's even an automatic egg cooker. It shuts itself off; all you do is add water, measuring it in the cover. No problem in breakfast making has been so completely solved as that of making hot toast. A truly automatic toaster will brown slices, thick or thin to any shade you choose. Your eye opener may be orange juice straight from the juicer or fresh from a frozen juice can. Or it may be one of a dozen appetizers. Whatever it is, the chances are you want it cold and refreshing—and it can be, with the aid of your refrigerator and freezer. The refrigerator keeps fruit dewy and vitamin rich for days, the freezer provides a midsummer selection all year around. If your family gobbles up pancakes as fast as they're made, a griddle will speed the job.

The whole food industry seems to be in a happy conspiracy to put breakfast into a box, can or bottle for your convenience. Take advantage of frozen juices or canned fruits. Don't overlook ready-to-eat cereals in endless variety. Remember mixes for muffins, biscuits, pancakes. To round out your easy breakfast, there's instant coffee and cocoa.

Thousands of dollars have been devoted to proving that people who eat a good breakfast work better, think better, react faster, and are altogether pleasanter, happier people. So we suggest you take a moment out at about 11 o'clock each morning to examine how you feel—tired and listless? Or filled with energy? It all depends on breakfast.

it's just Braided Blanket Binding

This season every woman will need at least one satin costume-maker hat. Very much in current fashion, it gives the high style, high price look that all of us admire but few can afford. Amazingly enough, the chic millinery creation pictured here can be yours for very little money and only a few hours time. It is made from luxurious satin blanket binding loosely braided to create soft, lustrous folds and requires a minimum of sewing ability. What better way to add an outstandingly elegant hat to your wardrobe.

All you will need as ingredients are: 2 packages of Wright's Blanket Binding, ½ yd. heavy weight Pellon interfacing, ¾ yd. Wright's Belting (1 inch width), ½ yd. lining fabric (try a gay print for fun!). The two glittering hat pins are an optional addition.

To make the pill-box shape, cut a 7 inch diameter circle and a 3½ inch x 22 inch strip of Pellon. Stitch strip to circle with ¼ inch seam. Ends of strip will overlap. Trim close to seam. To alter head size, ease or tighten

strip at overlap but no more than ½ inch. Stitch to secure. Trim excess fabric at base of joining. Stitch belting over outside lower edge of crown.

To cover hat, bind lower edge of crown with blanket binding. Cut remaining binding into 3 equal pieces. Braid loosely. Repeat with second package. Pin and hand tack braid to crown starting ½ inch above lower edge. Continue in spiral manner tucking ends under at center top. Make lining in same manner as Pellon shape. Tack to hat at crown seam. Turn under lower edge and tack to inside of hat.

Whether you start from scratch or simply cover last summer's straw to extend its life, remember that if you make up a larger hat shape, you will need another package of blanket binding. Because blanket binding comes in so many beautiful jewel tones, you'll probably want to have more than one of these versatile fashion hats.

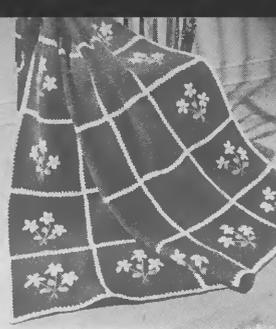


FREE PATTERNS

*Needle
yourself
into
these
satisfying
projects*



1. Block Stitch Pullover



2. Embroidered Afghan



3. Jungle Hat and Muff



4. Scarf and Mittens



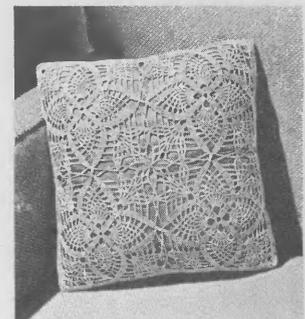
5. Washington Square Tablecloth



6. Noonday Bedspread and Matching Pillow



7. High Neck Sweater



8. Pineapple Square Pillow

ILLINOIS RURAL ELECTRIC NEWS

Judy Parker
Box 1180
Springfield, Illinois

Please send me without charge the pattern leaflets which I have checked below. I am enclosing a STAMPED, SELF-ADDRESSED envelope for every THREE patterns requested. (If possible, the envelope which MUST accompany all pattern orders, should be of the larger size):

- 1..... Boy's Sweater
- 2..... Afghan
- 3..... Jungle Cat Set
- 4..... Scarf and Mittens
- 5..... Tablecloth
- 6..... Bedspread
- 7..... Sweater
- 8..... Pillow Top
- 9..... Cafe Curtains

My name is

Address

Comment (if any)

This Coupon expires Feb. 20, 1962. Orders must be postmarked by that date.

1. It's called the Block Stitch Pullover because of alternating patterns that adds "tweedy" texture to its all-boy look. Boat neck is nice for sticking collars out, too

2. Embroidered flower motifs top afghan squares done in simple crochet stitches. That's all there is to this lovely warming piece besides joining stitch that brings each square together. Start now and finish at your leisure

3. Undeniably, there is some of the Cat in every woman—be it lioness, tigress or purring tabby. And here are just the items to capture that feline grace; hat and muff to match in "Leopard Motif." Easier to do than it looks

4. If you know the single and double and slip crochet stitches, this scarf and mitten set is practically made already. Try red, white and black for striking colors

5. A central theme and its variations provide the basis for every masterpiece of classical music. Here the same principle is applied with theme of diamond motif prevailing. It appears, disappears then reappears along border and leaves behind a lasting impression of delicate charm. Double crochet and chain-two spaces produces the effect

6. This lovely spread combines the simplicity of the geometric line with an intricate contrast between open and solid motifs. The fact that it's fitted to the bed and is made with a matching but separate pillow cover guarantees that its neat appearance will compliment design

7. V-shaped insert looks like a medallion on this basic slip-over. A jewel of a sweater—and a gem of a gift

8. This is perfect addition to any room. Named after its famous crochet pattern, fits over store-bought pillows

9. Cross-stitch on curtains brings gay atmosphere to any kitchen. You just "X-in" the squares to make lovely flower. Leaflet includes directions for Gingham skirt, too

Rural Exchange

Reaching Over 430,000 Rural People Each Month

● Auction Schools

LEARN AUCTIONEERING. Two week term, or home study. Nationally recognized, diploma. Free catalog! Missouri Auction School, 1330 Linwood, Kansas City 9-X45, Mo.

LEARN AUCTIONEERING, World's Largest School. Term soon. Free catalog. Internationally recognized diploma. Reisch Auction School, Mason City 55, Iowa.

● Business Opportunities

MINK RAISING Information free. Mink and bred females. Unconditionally guaranteed. Lake Superior Mink Farm, Superior E. E., Wisconsin.

ONE MONUMENT sale weekly earns \$200 or more. We show how. Jones Monumental Works, St. Cloud, Minnesota.

PARTNER OR Associate wanted. Fruit, vegetables, Christmas Trees. 150 acres. Excellent Tax advantage. West Central Illinois. John Kellar, Winchester, Illinois.

HOME TYPING. \$20-\$70 weekly. Dignified, easy. Complete Details Free. Crystalco, 20 Southmountain, Millburn IR-1, New Jersey.

MAKE BIG Money raising Chinchillas, Mink, Rabbits, Guinea Pigs or Pigeons for us. Free information. Keeney Brothers Farms, New Freedom 16, Pennsylvania.

EARN MONEY raising fishworms for us! Exciting details free! Oakhaven 99, Cedar Hill, Texas.

● Farm Machinery, Equipment

AUTOMATIC FEEDING saves time and hard work. Feed mechanically with the Silo-Matic Unloader, Scru-Feed'r Bunk Conveyor and Pro-Met'r Concentrate Dispenser. Proven equipment, guaranteed. Free pictures and plans. Dealer inquiries invited. Write Van Dusen & Company, Inc., Dept. I, Wayzata, Minnesota.

Rural Exchange Rates

Regular Rates: 30 cents per word. Minimum ad—\$5.40 for 18 words or less.

Rates for Illinois Co-op Members Only: 25 cents per word. Minimum ad—\$4.50 for 18 words or less.

Display Advertising Rates: \$1.00 per agate line, \$14.00 per inch. Minimum ad—\$7.00.

Payment must accompany all ads.

Deadline is 24th of month preceding publication.

The Illinois Rural Electric News goes into 115,000 farm homes in Illinois each month—actually over 430,000 readers, representing one of the most prosperous farm markets in the nation.

Payment must accompany your order. Make checks or money orders payable to Illinois Rural Electric News. Ad will be started in earliest possible issue.

Advertisers may deduct a discount of 10% on six month orders; 15% may be deducted on 12 month orders.

Mail ad and remittance to **RURAL EXCHANGE**, Illinois Rural Electric News, Box 1180, Springfield, Illinois.

5% H.P.-32" ROTARY WEED—Grass Mower on Garden Tractor and rotary tiller Combination 50% off. Universal Mfg., 324 West Tenth, Indianapolis 2, Indiana.

● Livestock

REGISTERED DUROC gilts and boars, any age. Earl Purdue, Kell, Illinois. 3 1/2 miles east Intersections 161 and 37.

● Miscellaneous

POEMS WANTED immediately for new Songs and Records. Send your poems today for Free Examination and Appraisal. Songcrafters, Acklen Station, Nashville 12, Tennessee.

HELP WANTED

MANAGER—Present Manager who has been with this Cooperative 23 years has asked the Board of Directors to replace him. Opening for qualified young man experienced in rural electric cooperative operation, engineering, accounting, and construction. Salary open. Write Lawrence C. Daily, President, Coles-Moultrie Electric Cooperative, P.O. Box 709, Mattoon, Illinois, for application. Or you may inquire of John G. Waggner, the present manager.

POEMS WANTED for musical setting and recording. Send poems. Free examination. Crown Music Company, 49-AB West 32 Street, New York 1, New York.

HOME TYPING: \$65 week possible! Details, \$1. Treasury, 709 Webster, New Rochelle RE-11, N. Y.

NEW EARLY TOMATO

An extremely early tomato, often ripening big, red tomatoes by July 4th, has been developed at the Jung Farms in Wisconsin. You can obtain a trial packet of this tomato by sending 10c to the Jung Seed Co., Box 316-C, Randolph, Wis. They will not only send you this tomato seed but also a packet of the glorious Giant Hybrid Zinnias and a copy of their 55th catalog, America's most colorful 1962 seed catalog.

● Of Interest to Women

WEAVERS—WRITE for low prices—carpet, warp, rug filler, looms, parts, inexpensive beam counter. If you have loom—give make, weaving width please. OR. Rug Company, Dept., X192, Lima, Ohio.

\$2.00 HOURLY POSSIBLE sewing our ready cut aprons at home. Spare or full time. Experience unnecessary. Write Hanky Apron Company, Caldwell 13, Arkansas.

SEW SIMPLE product at home for stores. No charge for materials. Write Adco, Bastrop 15, Louisiana.

NEW ILLUSTRATED Cross-Stitch Catalog No. 8 with one beautiful pattern, 35c in coin. Audrey Hutchins, Beaver, Iowa.

STAMPED LINENS for Embroidery or Painting. Yarns and Kits for Knitting, Crocheting, Weaving, Rug making supplies. Send for Free Catalog. Merrilee Corp., Dept. 419, 16 West 19th St., New York 11, N. Y., or 2729 West 7th St., Fort Worth 7, Texas.

● Rabbits

RAISE NEW Zealand, Angora rabbits, fishworms on \$500 month plan. Free details. White's Rabbitry, Mt. Vernon 53, Ohio.

● Services

ROLL DEVELOPED, 8 beautiful enlarged prints—39c; 12-59c. Reprints—5c. Free Malters. Willard's, Box 2554H, Cleveland, Ohio.



"Your family tree, I presume?"

Rates Below For Co-op Members Only

Tear Off and Mail Promptly
PLEASE PRINT CAREFULLY

1.....	2.....	3.....	4.....
5.....	6.....	7.....	8.....
9.....	10.....	11.....	12.....
13.....	14.....	15.....	16.....
17.....	18.....		

Figure out the proposition you want to make, whether it is something you want to buy, sell or swap.

Write the words in the spaces above. If you fill all the spaces that will be 18 words. Price for 18 words (or less) is \$4.50 for each time you want your ad run.

If your message takes more than 18 words, add 25 cents for each additional word. Remember, each initial or group of figures count as one word. (Don't forget to count your name and address in the ad.)

Fill in your name and address below, attach correct amount for ad and mail to **RURAL EXCHANGE**, Illinois Rural Electric News, Box 1180, Springfield, Ill. Your ad will appear in the earliest issue possible.

YOUR NAME.....

YOUR ADDRESS.....

Tear Off and Mail Promptly



your direct line
to peace of mind

Truthfully, now, did you give any thought to safety when you decided upon your present heating system? Not many of us do.

Flameless electricity is the safest way to heat . . . it's also the cleanest. There are no by-products such as fumes, odors and soot.

Economy is another important factor not to be overlooked. Electricity uses 100% of its energy to produce heat. There are no costly maintenance calls to clean and repair nozzles, fuel lines and other furnace parts.

Why not see your dealer or rural electric representative today . . . *electric heating costs so little for so much peace of mind.*



ELECTRICITY—the heart of modern living

**Electric Cooperatives
Of Illinois**