



Illinois
R.E.N.
RURAL ELECTRIC NEWS
December, 1965

National News Notes

New financing plan gathers much support

■ Delegates attending nine of the ten regional rural electric meetings this fall approved resolutions supporting a plan designed to provide supplemental financing for electric cooperatives.

The financing proposal was supported by all but the delegates in Region 6, comprising rural electric systems in North Dakota, South Dakota and Minnesota. The regional meetings were conducted by the National Rural Electric Cooperative Association, service organization for the nation's 1,000 rural electric systems.

Region 6 delegates wanted additional studies of other financing methods before any action is taken by the entire NRECA membership. They voiced concern that the projected financing plan may not achieve the lowest possible power costs for rural America.

Other regional groups, including Illinois' delegates, agreed that new sources of financing will be required in future years to provide the capital needed to serve the growing power demands of rural America. They said financing to supplement the present two per cent Rural Electrification Administration loan program is necessary to assure that cooperatives won't "wither away from slow financial starvation."

Huge power system plans, hopes outlined

■ Plans for a huge power system to supply low-cost electricity to the eastern United States were outlined recently at the first general meeting of the Yankee-Dixie Power Association.

Yankee-Dixie, a nonprofit organization comprising representatives of rural electric cooperatives, municipal electric systems and commercial power companies, would utilize the coal resources of the Appalachia area for the construction of large, mine-mouth steam generating plants.

The power would be made available to more than 900 local power systems, rural electrics and 117 commercial utilities from Maine to Florida and in Ohio, Indiana and Illinois. Preliminary estimates indicate that the new generation and transmission system could reduce wholesale electricity costs as much as 30 per cent throughout the 21-state area.

The plan calls for construction of three generating stations which would produce two million kilowatts each. Sites tentatively picked are in western Pennsylvania, eastern Kentucky and northern Alabama.

More probes seek power failure cause

■ An investigation into the widespread electric power failure in the Northeast on Nov. 9 is being launched in Congress by a House Commerce subcommittee which has scheduled public hearings starting Dec. 15.

The Federal Power Commission is conducting its own probe of the power failure, but has made no complete report thus far on its findings. The initial cause of the blackout has been blamed on a relay system failure in Ontario, Canada, but there has been no official explanation of why the blackout spread so far and so fast throughout an 80,000-square-mile area.

One of the effects of the blackout has been renewed public discussion of power grids which cover wide areas. First reaction after the blackout was criticism of grids, but since that time many have risen in their support.

Richard H. Wood, assistant administrator of the Rural Electrification Administration, said a giant power grid, such as proposed by the Yankee-Dixie Power Association, could have prevented the huge power failure.

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DECEMBER, 1965

Merry Christmas to All

When you read this, Christmas and the New Year will be almost upon us.

For some it has been a year of sadness and tragedy occasioned by the loss of loved ones. But for most it has been a year of progress, achievement and high hopes for the future.

From one end of the state to the other Electric Cooperatives report new heights in service to their members.

ONE EXAMPLE is the Christmas distribution by Clay Electric (Flora) of \$198,245 in capital credits. Another is the recent distribution of \$263,000 by Eastern Illinois Power Cooperative (Paxton). And there are others.

Hard-working line crews have been busy all year, in driving sleet and blistering heat, improving their systems, making possible even more reliable service.

More than 300 directors of distribution and power cooperatives have spent countless hours solving cooperative problems and planning future improvements.

And the more than 140,000 member-owners of these cooperatives representing more than a half-million consumers of electric cooperative electricity have a better appreciation than ever of the value of their own cooperatives. They have an even keener determination to protect and preserve their right to provide themselves with electricity.

WE ARE ALSO convinced that members of the general public today have an even better understanding of cooperative contributions to the welfare and prosperity of all Illinois residents. This understanding is growing as knowledge of electric cooperatives becomes more widespread.

Two tremendously important developments occurred this year in Illinois.

ONE IS PASSAGE of territorial protection legislation as spelled out by the Electric Supplier Act. This legislation still is to be fully implemented. This is under way now. The legislation is not perfect. But electric cooperatives are determined to do everything in their power to make it work with maximum efficiency.

The other development is the national study aimed at working out long-range financing of electric cooperative major improvements.

It is the desire of cooperative members that they be as free as possible from dependence on federal loans, even though these loans are repaid regularly with interest.

A PROPOSAL from an adjusted financing program has been widely studied in 1965 and will come up for action at the National Rural Electric Cooperative Association annual meeting next February.

Cooperative leaders regard this action as the most important decision the cooperatives have faced in many years—and one that will have a lasting influence on their future.

And so a great cooperative year lies behind us. A great year, one of important decisions, important service advances, lies just ahead.

Aren't you proud you're part of this great program?



Young people such as these have prominent roles in helping make Cumberland High School the finest possible educational institution, says Principal Thomas Buchanan. From left are David Croy, Wayne Roberts, Jean Ann Fogleman and Mr. Buchanan.

How One Rural School Meets Its Challenge

By John F. Temple

Walk into attractive Cumberland High School set on a 40-acre site between Greenup and Toledo southeast of Mattoon and almost immediately you'll be impressed with one thing:

This is a busy, efficient school dedicated to the serious business of cramming as much true education into its 380 students as is possible.

"ALL SCHOOLS today face terrific problems as they struggle to meet the challenge of rapidly changing times," Principal Thomas Buchanan said in a recent interview.

"Nowhere is this challenge more pronounced than in the rural schools which frequently lack the financial resources of city and wealthy suburban institutions.

"Yet a school such as Cumberland High simply must do an outstanding job of preparing its students.

"If we fall down on our job, if we invest just enough money and put forth just enough energy to get by, we've handicapped our students for life. We won't permit this."

EDUCATORS say the same problem exists all over Illinois and, indeed, throughout the nation. Can it be solved? Listen to Mr. Buchanan:

"We're doing two specific jobs,"

the principal said. "We have to prepare many of our students for college—and we have to prepare many to take and hold good-paying jobs in trade, commerce and industry.

"To do this we offer 54 separate courses.

"More than half of our students go on to some kind of advanced training after graduation. This includes a variety of specialized courses in addition to college. At least 75 per cent of this year's senior class will go on for additional study.

"Last spring we had 70 graduates at Eastern Illinois University. As a check on how they—and we—were doing, we compared their grades with those of other students at the University. Our Cumberland High graduates achieved a level definitely above the university average."

CUMBERLAND emphasizes its business education department and demands high excellence of students. They work hard. And when they graduate they find good jobs. Some work in government offices in Washington. Others are valued employes in Chicago, St. Louis, and in many other cities—and in the smaller communities in the Cumberland High area.

Girls also learn home economics skills that prepare them for advanc-

ed training in college and ultimately for teaching or good jobs in some of the broad fields in which home economics graduates serve. The Cumberland High training also helps make them better, more skilled homemakers—a most important job in itself.

BOYS HAVE the opportunity to develop many skills.

Forty-one are enrolled in vocational agriculture. Here they not only learn the science of agriculture. They develop skills in such related fields as welding, carpentry, electricity and farm mechanics.

A building trades class of 23 boys is constructing a house across the street from the school. It will be sold at auction in the spring.

OTHER BOYS participate in a drawing and planning class in which they learn to read blue prints, make sketches, and use various technical instruments.

"Recently one of our boys was tested at the Peoria Caterpillar Tractor plant for that company's fine drafting school," Mr. Buchanan said. "He made the highest grade in the group. Imagine that happening a few years ago."

Other senior boys study industrial mathematics under supervision of a skilled teacher who for 18 years was a Shell Petroleum Co. draftsman.

Each student can receive special training in the mathematics of one of 16 fields such as auto mechanics, carpentry, or electricity.

A GOOD SCHOOL curriculum and a good high school administration don't just happen. These take planning, alertness, willingness to change—and to take advantage of opportunities.

Cumberland High, for instance, has a class in Spanish taught by a Cuban who holds a doctor of laws degree but who can't practice in this country. He's working on his master's degree in education at Indiana State University at Terre Haute.

"We're taking advantage of the chance to use this brilliant teacher," Mr. Buchanan said. "We're bringing a group of eighth graders to the high school for Spanish instruction five days a week. We also offer a class for adults."

Incidentally, Indiana State University last year trained and placed 50 Cubans in responsible positions. This year the school is doing the same.

THERE'S MORE to school than studies. Cumberland High encourages. (Continued on Page 11)



Many attractive new homes—115 are expected within the next two years—are in the area receiving underground electric service from Farmers Mutual Electric Co.

Service—The Real Goal

"It'll probably cost more, but let's do it. The areas will be improved, and our members will appreciate it. Also, our maintenance costs will be lowered."

These were the thoughts behind the decision of Farmers Mutual Electric Co. to install electrical lines underground in three rapidly expanding real estate developments near Geneseo.

As more attractive homes are being constructed, the decision to bypass overhead lines is looking better all the time, LeRoy V. Hard, the cooperative's manager, said in a recent interview.

ONE SURPRISING development makes the forward-looking decision even better. Installation costs are not as high as anticipated by preliminary engineering estimates.

"Originally, estimates indicated it would cost the cooperative \$132 more per lot to put the lines underground," Mr. Hard said. "But our experience is that the cost is not that high."

Joining the conversation was Richard Kincaid, foreman for Farmers Mutual. "I'm confident we can do the underground job as cheaply as setting poles and stringing lines," he said.

"The sandy soil allows us to dig trenches for the underground lines real fast. Besides, it's easier to hook up transformers on the ground pads than it is to put them on poles."

Both men expect maintenance



The only poles in the three real estate developments are those holding street lights.

costs will be reduced to practically nothing. "An ice storm or falling tree limbs certainly can't do any damage because the service connections are all underground," Mr. Hard pointed out.

"And then there are no poles to replace and no guy wires to hamper cutting grass," he continued. "The only poles in these three subdivisions are the ones we're putting up for street lights."

ALREADY 22 new homes have been constructed on scenic lots in Crestview, Country Estates and Hazelwood. Within two years it's expected that there will be 115 new homes.

This rapid expansion is due, in part, to the expanding Quad City area, a short drive from the three real estate developments. And it indicates, Mr. Hard said, the real need of electric cooperatives to prepare for these new service demands.

FARMERS MUTUAL is making preparations, Mr. Hard pointed out. The smallest cooperative in Illinois—now serving less than 700 members—it has applied for and has received a \$104,000 loan from the Rural Electrification Administration.

The manager explained that this money is needed to take care of service connections and system improvements necessary for the 115 new homes soon to be on the cooperative's underground lines.



Manager LeRoy V. Hard looks at the wooded lots where new homes are being built.

Danger . . . Prowling Poodles Posing Problems

French poodles are dangerous dogs. Yes, sir!

You think they're cute and cuddlesome and warm and affectionate and a joy to possess? Ah, perhaps . . . but they're dangerous, too. Before you know it they've stolen your heart and it is they who are the masters. And you'll love it.

Ask Bob and Lucy Hayden of Salem r.r. 1. They know. Seven years ago they innocently brought home a soft and helpless little poodle and wow! Today they have 28, black, white and silver, prancing gaily in the sunlight, leaping skyward with delight whenever the "masters" appear and charming every youngster for miles around.

"We've been bitten by the bug," smiled Bob Hayden, a Salem barber. "We didn't intend it that way. It just happened. It could happen to anyone, even you."

HE'S RIGHT. Big, husky, heman who talk proudly of their German Shepherds or their Boxers or their Great Danes come to the Hayden Kennels as reluctantly as if their wives were pulling them by their ears. They sniff disdainfully at the little balls of fur—and the poodles sniff back—affectionately, happily, enchantingly.

"Saaaay," says the burly visitor after awhile. "This is a cute little fellow . . . just the pet for our little girl."

And his wife, amazed and delighted, agrees. She figures this will actually be her own dog. She's wrong, too. The whole family soon will belong to that excited, loving five-pound conniver.

FRENCH POODLES are by far the most popular dog in this country. Mr. Hayden estimates 150,000 are registered annually. This may be three times as many as the next



Andy Bird (center), member service supervisor, Tri-County Electric Cooperative, says anyone who wouldn't be enchanted with a cute poodle like this must be out of his . . . well, must be a little touched. And Mr. and Mrs. Robert Hayden of Salem r. r. 1, who raise French poodles, agree.

most popular breeds: Dachshunds or Chihuahuas. German Shepherds are coming on strong, but they're far from catching those wriggling, joyous and enticing French poodles.

"French poodles are hearty dogs," Mrs. Hayden said recently. "Originally they came from Russia as water retrievers. Most lead a pampered life now, but they're a strong strain and can stand cold and hardship amazingly well."

Most popular is the toy poodle weighing five or six pounds and standing 10 inches and under. Miniatures are 10 to 15 inches tall and the standard poodle is over 15 inches. Some are quite large, the size of a good bird dog, and very powerful.

IF YOU THINK poodles are popular in this country you should see the pampered little pets in Paris. They're everywhere, particularly in the arms of beautiful women . . . showgirls, housewives, stenographers and clerks.

They're barred by law from traveling the Metro, that highly efficient Paris subway system, but they don't mind. Their "masters" simply

tuck them gently inside their big purses and everyone is happy.

Since acquiring their first pet the Haydens have sold poodles in many states, as far away as California and the East Coast. They concentrate on toys and have the three standard colors: white, black and silver. White is most popular.

They've built two new homes recently, one for themselves and one for their dogs. The Haydens think their home is nicer and the poodles think theirs is, which is a nice arrangement. Both depend on Tri-County Electric Cooperative of Mt. Vernon for their electricity, and that's nice too.

"**HERBERT DOWNEY** and his crew give us wonderful service," say the Haydens. The poodles don't say anything but anyone can see that they agree.

You'd like to buy a poodle? Naturally. But don't try taking one away from the Haydens. Not yet. Christmas has cleaned them out of puppies. Wait until a little after the first of the year. Then your luck — and the puppies' — will be great.



An anxious mother watches over her calf born shortly before this photo was taken.

By Charles E. Albright Jr.

What chances does that new born calf have of becoming an excellent milk producer?

"There's not much I can do about it," is one answer. "I'll see that it gets the right food and water," is another. But dairy specialists say there's a better answer.

THEY SAY the calf must be sired from animals which have outstanding milk production records. Studies tracing several generations of dairy cattle show that more milk is given by those cows sired by animals proven to have the characteristics of good milk cows.

Poor producers should be removed from dairy herds and the good cattle should then be bred to bulls known to have sired desirable calves, according to the specialists.

DAIRY HERD Improvement Associations (DHIA) have sprung up throughout the country to aid the dairy farmer. DHIA records advise the farmer on what cows are producing well and which ones are not giving enough milk. The farmer uses these records to cull the poor producing cows from his herd.

But what about the bull? How is the right one chosen so that tomorrow's herd will give more milk than today's cows?

The Southern Illinois Breeding Association (SIBA) believes it has the answer.

This cooperative enterprise keeps careful records of bulls, selects the right ones, collects their semen and distributes it among the members

Here's an Answer For Increased Dairy and Beef Cattle Profits

for artificial breeding of their cattle.

Many farmers agree that SIBA does have the answer. One of them is Clinton Beckemeyer, a Carlyle dairyman who had the fifth highest milk producing herd in Illinois during 1965, according to DHIA tests.

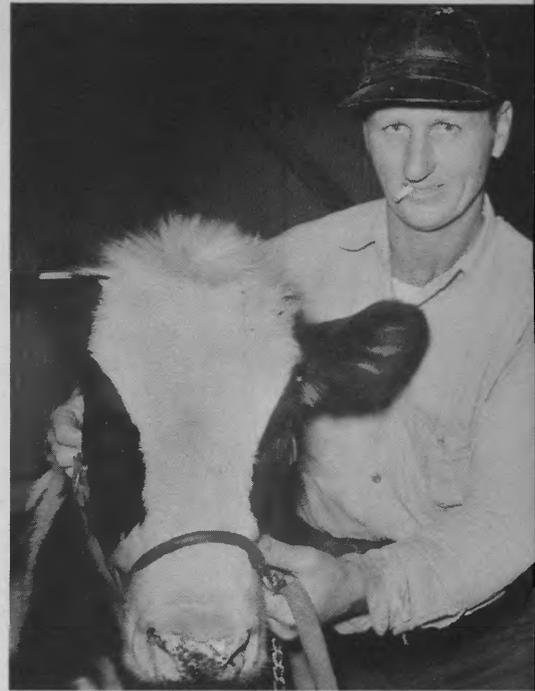
"You bet I believe in DHIA and SIBA," Mr. Beckemeyer said in a recent interview on his farm. "Without them both I certainly wouldn't have this kind of milk production."

NODDING AGREEMENT was Bert Sinclair, Clinton County's farm adviser and a person who has long been interested in the dairy business.

"Look at his records," Mr. Sinclair urged. "The 32 head in Clint's (Mr. Beckemeyer's) herd averaged 16,451 pounds of milk. The state's average was 11,911 pounds. Why even here in Clinton County where we have a lot of good dairy cattle we averaged only 13,135 pounds.

"There are some cows in the Beckemeyer herd which are giving

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Clinton Beckemeyer and one of his prize Holsteins.



Milk production records are studied by Mr. Beckemeyer and Bert Sinclair, farm adviser in Clinton County.

Taking a look at the Beckemeyer dairy herd are (from left) Mr. Beckemeyer, Mr. Sinclair, Robert W. Vander Pluym, power use adviser and staking engineer for Clinton County Electric Cooperative, and Lanny Copeland, SIBA's director of promotion.



Two Views On Electric Co-ops

The veteran Illinois electric cooperative leader clearly was indignant and this was unusual. Normally he was the most temperate of men, kindly, gentle and considerate.

"Did you see that magazine article taking pot-shots at the cooperatives?" he asked in exasperation. "It was loaded with tired, old, discredited arguments.

"The only way cooperatives could satisfy such critics is to give up all their territory to the commercial utilities and leave the big utilities without even a token amount of competition. And these are the fellows who wouldn't serve our people originally and only want to serve the most desirable territory now!"

"OH, I DON'T KNOW," said his friend. "In Illinois the cooperatives are making tremendous efforts to get along with the commercial utilities and work out our problems."

"I'm not talking about Illinois," the cooperative leader returned. "I'm talking about a national magazine article that implies the cooperatives are unpatriotic, selfish, second-rate citizens who are greedy, unscrupulous gluttons living off the fat of the land and existing only through the protection of the federal government."

"That somehow has a familiar ring," said his friend. "But it seems that when I heard it first, it was the people talking about the commercial utilities. What's burning you, specifically?"

THE COOPERATIVE veteran grinned a bit sheepishly. "About everything, I guess. For one thing, this article poked fun at the cooperative program because an Illinois cooperative loaned money to a ski resort to buy snow-making equipment.

"You and I both know that that loan of around \$20,000, coming at a crucial time in the development of the ski resort, helped get a now-prosperous business going, to the great benefit of the entire area the cooperative serves."

"Sure," said his friend. "Everyone benefitted. Not just the cooperative people. I was up in that area a few weeks ago. The resort's doing fine. Bringing lots of visitors to that section. These visitors spend money, provide employment, help the economy.

"I thought everyone had decided the loan was a fine civic act. That's what the private banker up there

told me, the same as a lot of businessmen. I supposed everyone understood that by now."

"Some folks just don't want to," said the cooperative man.

"WHAT ELSE is burning you?"

"Well, that article claims the cooperative's job is done because most FARMERS are getting electricity. It says the program was designed to bring electricity to FARMS."

"I know," agreed his friend mildly. "That's an old distortion. You and I know that the Rural Electrification Act authorizes the making of loans for rural electrification and the furnishing of electric energy to persons in RURAL areas who are not receiving central station service. . . . Those are the exact words. The act specifies rural areas, not just farms alone."

"THAT'S TRUE," said the cooperative leader. "And I must confess I become a little disturbed when someone says now that most of us have electricity, we should turn over our businesses to the commercial utilities.

"Why, we developed those businesses when no one else would take the risk. The commercial utilities could have borrowed under the same terms we did. They still could. They wouldn't. We did. And we're going to keep our cooperatives.

"Besides, we don't exactly trust the commercial boys completely. We trust ourselves more. We're certain our own cooperatives have our own interests at heart, that they aren't out just to serve us as long as its profitable."

"Okay," said his friend. "So now you've gotten all those gripes off your chest and you feel better."

"Hold on a minute," came the answer. "I haven't and I don't."

"Well, what else is wrong?"

"A LOT, I'm afraid. I get so tired of hearing snide implications. For instance, that article says the cooperatives are 'supposed' to pay back to the government the money they've borrowed.

"Supposed! They do pay it back, with interest! Not only that. Their activities have helped raise the prosperity of the areas they serve to such an extent that cooperative member-owners are paying terrific taxes.

"We're glad to do it, too. Well . . . maybe not too glad, but . . . No, sir, we're downright glad to do it! Don't you remember when very

few farmers were paying the federal government much in taxes, and not a great deal to local governments either. Man, how times have changed. And then some guy comes along and says we're 'supposed' to repay our loans. We're proud as punch to pay 'em."

THE COOPERATIVE man was thoughtful for a time.

"That article isn't so bad," he said finally. "It's about what you'd expect from someone who has an axe to grind. It complains that electric cooperatives want more money for the generation of power and we do.

"The only reason we want it is that too often the commercial utilities won't sell us adequate supplies without unreasonable strings attached.

"We're their good customers. But when we negotiate a contract with them we're pretty much at their mercy — if we can't obtain power from some other source. So far as I can see, the only other source is through our own generating plants. When we build 'em it's because we've no other reasonable choice."

THE COOPERATIVE leader's face brightened. "Say," he said, "there IS something good about that article.

"It says some investor-owned utilities are fighting the cooperatives in a new way. Glory be! It says they're becoming less complacent and are trying harder to serve all types of customers, not just the ones on which they can make a fat profit. Now there's progress for you!"

"I have to agree," said his friend. "Of course, they're a little late. Do you know why there are electric cooperatives over almost all the rural areas of Illinois — but none in the northeastern part of the state around Chicago?"

"It's because the commercial utility serving much of the Chicago area long ago determined to bring reliable electricity to that territory, and it did. There wasn't any real need for rural area people to set up cooperatives to provide themselves with electricity. Everything worked out fine. Did you know that?"

"Yep, I knew it," said the cooperative veteran. "Too bad some of the other commercial utilities throughout the country weren't as wise. It would have saved them—and us—a gosh awful lot of trouble."

Tornado Topples Radio Tower

Eastern Illinois Power Cooperative is using make-shift radio operations until a new tower can be erected to replace the 300-foot communications tower toppled by a tornado which ripped through Paxton recently.

The storm also tore about two-thirds of the roof off the cooperative's headquarters building constructed in 1954.

The radio tower, built in 1952 to withstand winds up to 100 miles per hour, fell onto EIPC's parking lot about an hour after employees had gotten into their cars following the day's work. The heavy steel missed hitting the office building and a new warehouse. Also, the building housing radio equipment at the tower's base was not damaged.

"I'M GRATEFUL that no one was injured," Dennis L. Tachick, manager of the cooperative, said in an interview following the storm. "The damage was bad, but we should be able to operate without any real inconvenience to our members. We'll build a new tower and get a new roof for the office as soon as possible.

"Right now we're handicapped in

trying to dispatch our men and equipment efficiently across our wide service area. Central Illinois Public Service Co. loaned us a 75-foot pole, but, of course, it doesn't give us as great a range for our radio equipment.

"We are relaying some of the radio messages through our base station in Gilman and are doing as good as we can in getting our men dispatched on service calls."

MR. TACHICK said it may take as long as two to three months to erect a new tower. The old tower also held radio antennae for the Ford County Highway Department, the Ford County sheriff's office and the Allied Gas Co. of Paxton.

He pointed out that this storm damage illustrates the need for electric cooperatives to maintain adequate money in reserve funds. Although the tower and office building were insured, many storms do cause damage which must be repaired with funds held on hand by the cooperatives.

"We're in a storm belt here," Mr. Tachick said, "and it may be that our cooperative would be justified in keeping more funds in reserve than we now do."



Manager Dennis L. Tachick surveys the damage to a 300-foot radio tower destroyed in a recent storm.

"This storm also points up the value in keeping records in a safe place," added Kenneth L. Ehlers, Eastern Illinois Power's office manager.

"In addition to the damaged roof, the storm blew in several large window panes, but there was no water damage to any of the records which were stored in metal filing cabinets or in the vault," Mr. Ehlers said.

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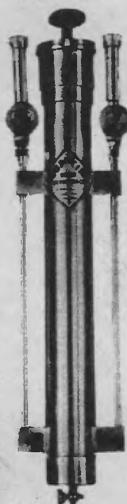
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More Profits

(Continued from Page 7)

over 20,000 pounds of milk," the farm adviser noted.

MR. BECKEMEYER, also a member of Clinton County Electric Cooperative, Inc., Breese, added that SIBA's program also is giving him better show cattle. "I've been a member of SIBA for 17 of its 19 years and my Holsteins are now better milk cows, bring more when I sell them for breeding stock and are winning more prizes in the show ring," he said.

"The same is true all across the state," added Lanny Copeland, SIBA's director of promotion. "Eighty per cent of the top herds, according to DHIA standards, are members of SIBA.

"Last year, we gave awards to 55 herds which averaged 500 or more pounds of butterfat. This year, there were 88 herds getting the awards."

Leading the honor roll list was Edward Probst's herd from Wheeler with a butterfat average of 612 pounds. Hubert Stoll from Chestnut had the second top herd with a 610 pound average.

BENEFITS ARE NOT limited to dairy cattle, Mr. Copeland added. "We are expanding our beef program," he explained, "and are helping farmers get quicker livestock gains than they have ever experienced."

Prize bulls are purchased by SIBA and brought to the cooperative's headquarters in Breese. Semen is collected, frozen and used by SIBA's technicians throughout 60 Illinois counties.

"Just like the dairy cattle, beef cattle inherit characteristics from their sires and it is important that a farmer takes advantage of proper breeding if he is to realize higher profits," Mr. Copeland said.

"**WE THINK** we're helping our members do this. We're glad that we can help them increase their profits.

"However, SIBA is not simply concerned with distributing cattle semen. We want to do the best job we can for our members. We're like the electric cooperatives in that we do have a sincere interest in our members.

"The electric cooperatives don't stop with bringing electricity to their members. They perform many other services. SIBA tries to do the same thing by taking a strong interest in the welfare of the members so that a program can help their individual needs."

SIBA



FOR A

PROSPEROUS NEW YEAR

Like the young calf pictured above that will grow by leaps and bounds during the next year, we hope that you too, as a beef breeder or dairy farmer, will grow.

The Southern Illinois Breeding Association has helped to increase profits, and results in general, for more than 18,000 breeders throughout the entire Southern Illinois area, and we can do the same for you. Make a resolution today to give our clean, safe and profitable program a try.

It could very well mean the most prosperous **NEW YEAR** you have ever experienced.

CLIP AND MAIL TODAY

SEND TO:

SIBA
RR 1
BRESEE,
ILLINOIS

I am interested in learning how the Southern Illinois Breeding Association program can improve the genetic buildup of my herd.

Beef _____ Dairy _____

(Indicate no. of cows in each herd)

NAME _____

ADDRESS _____

CITY _____ STATE _____



Rural School Is Solving Its Problems

(Continued from Page 4)

ages extra curricular activities. Future Famers, Future Homemakers, annual staff and other groups meet regularly at night. There isn't enough time during the busy days.

"Such activity is important," the principal said. "Participating young people learn valuable skills, including how to work with others. It's a fine part of their training."

Not enough time? That's one reason 120 students, one-fourth of the entire student body, attended summer classes last year at the school.

"Your right about this being a busy school," smiled Mr. Buchanan. "It's busy day and night, summer and winter. Our youngsters are eager to learn as much as possible and our faculty is eager to teach. Last year 80 per cent of the senior class had taken more courses than the minimum required."

MR. BUCHANAN is a modest man. He speaks with some restraint. But sometimes he just has to say what's on his mind:

"We're all proud of this school, of the dedicated faculty, the parents, and of the fine school board headed by Wayne Cowger, and our superintendent, Harold Garner, who was principal of the high school until this year.

"We're particularly proud of our students. You hear criticisms of today's young people and how they cause trouble and fail to appreciate their opportunities.

"I don't think that's true in general and it certainly isn't true of our young people here."

MR. BUCHANAN also gave great credit to Norris Electric Co-operative for the job it has done over the years in bringing electricity to the broad area it serves. This has helped—and is helping—make vast improvements possible.

"Of course we're not satisfied with our progress at Cumberland High and we should never be," Mr. Buchanan said. "We're not yet doing as good a job as we should. We'll continue to better our program, to do a constantly improving, more effective job. We must. We will."

SPECIAL NOTICE FOR ASSOCIATION OR GROUP MEMBERS AND THEIR DEPENDENTS

HOSPITAL AND SURGICAL INSURANCE

Guarantee Reserve Life Insurance Company, licensed in 28 states, guarantees that this policy can never be canceled by the Company because of the number of times or the amount of benefits you may collect! The only time your policy may ever have the premiums increased is if such action is taken on all policies of this Form 7-482 in your association or group.

You will receive all the benefits you are entitled to under this policy from the Guarantee Reserve Life Insurance Company regardless of any Benefits you might receive from another Company, except Workmen's Compensation.

HOSPITAL EXPENSE—choice of \$10.00 up to \$25.00 per day.

MISCELLANEOUS EXPENSES—pays first \$100.00 and then 80 percent of extra expenses up to \$1,000.

SURGICAL EXPENSES—pays \$10.00 up to \$300.00 for Surgical Operations.

1. COVERS SICKNESS which originates and results in hospitalization thirty days after the policy date.
2. SURGERY BENEFITS from sickness are payable after six months.
3. FEW EXCEPTIONS—Pre-existing illness and accident which you referred to in your application will be covered after two years. Policy does not cover confinement in a clinic, rest home or health resort; services provided or paid for by the United States Government or any state or county tuberculosis or mental institution; loss caused by war, alcoholism or drug addiction, for any injury or sickness covered under Workmen's Compensation or similar law. (SELF-EMPLOYED INDIVIDUALS are covered on or off the job.)
4. MATERNITY BENEFITS—Pays up to 10 times the Daily Room Benefit, when husband and wife are both insured under the same family plan for more than 10 months and during the full term of pregnancy.

MONTHLY RATES

PLAN 1		PLAN 1A	
\$10.00 Daily Room Benefit Member Only		\$10.00 Daily Room Benefit Member and Family	
Ages 18-49 _____	\$4.28	Ages 18-49 _____	\$12.51
Ages 50-59 _____	\$5.19	Ages 50-59 _____	\$14.01
Ages 60-67 _____	\$6.19	Ages 60-67 _____	\$15.46
PLAN 2		PLAN 2A	
\$20.00 Daily Room Benefit Member Only		\$20.00 Daily Room Benefit Member and Family	
Ages 18-49 _____	\$6.04	Ages 18-49 _____	\$16.58
Ages 50-59 _____	\$7.61	Ages 50-59 _____	\$19.18
Ages 60-67 _____	\$8.27	Ages 60-67 _____	\$21.62
PLAN 3		PLAN 3A	
\$25 Daily Room Benefit Member Only		\$25 Daily Room Benefit Member and Family	
Ages 18-49 _____	\$6.92	Ages 18-49 _____	\$18.62
Ages 50-59 _____	\$8.82	Ages 50-59 _____	\$21.77
Ages 60-67 _____	\$10.81	Ages 60-67 _____	\$24.70

Loss of Time Coverage may also be obtained under this program.

Dependents are Spouse and Dependent Children 1 month through 17 years.

MAIL TO: DEPARTMENT OF INQUIRY, Guarantee Reserve Life Insurance Co.
1114 Ridgley Bldg., Springfield, Illinois 62701

Name Date of Birth

Address City

Number of Dependents



Manager Charles W. Witt and Miss Nancy Hammann (left), last year's queen who also is "Miss Illinois Electric Cooperative," congratulate M. J. M.'s new queen, Miss Sarah Niemann.

M. J. M. Renews Pledge For Giving Top Service

Officers of M.J.M. Electric Cooperative, Inc., pledged continued efforts at providing the best electric service possible as they addressed member-owners at the cooperative's 25th annual meeting in Carlinville recently.

"During the past 25 years, your cooperative has made advances never dreamed of in its beginning," said Carl Bloome, Carlinville r.r. 2, president of the board of directors.

Continuing, he said: "Yes, the years ahead, I am sure, will bring many changes in the rural electrification program, and I am sure that the directors, management and employes of M.J.M. will make every effort to keep pace and use these changes to the best advantage for you, the member-owners"

CHARLES W. WITT, manager of the cooperative, reviewed M.J.M.'s activities and said, "Your cooperative is financially sound. Adequate reserves have been set aside and prepayments to the Rural

Electrification Administration amount to well over a quarter of a million dollars."

The member-owners re-elected three directors to three-year terms and named R. E. Bauer, Coffeen, to fill the two years remaining on a term left vacant by the resignation of Alvin Mullins, Butler r.r. 1. Mr. Bauer earlier had been appointed to the board to replace Mr. Mullins.

The three re-elected are Clarence Doerr, Irving; Henry Egelhoff, Jerseyville r.r. 3, and Lester Hoefker, Mt. Olive r.r. 1.

In the beauty pageant, Miss Sarah Niemann was crowned "Miss M.J.M. Electric Cooperative of 1965." Miss Niemann, 20, is the daughter of Mr. and Mrs. Alfred Niemann, Mt. Olive. The first runner-up was Miss Connie Gross, 18, daughter of Mr. and Mrs. Delbert Gross, Medora. Miss Diana Welch, 17, daughter of Mr. and Mrs. Ross Welch, Bunker Hill, was third.

Funds Raised For Mission's New Generator

By Arthur H. Peyton, Manager
McDonough Power Cooperative

It is a satisfaction to me as I write this to tell you that over 100 persons have contributed to the Dr. Lowell A. Gess Taiama Mission generator fund and that the total amount has now been raised and paid on the generator.

The money that is now coming into the fund will be held intact and sent to Dr. Gess personally to be used in furnishing eyeglasses to needy school youth in the Taiama area in Sierra Leone, West Africa. You will remember that Dr. Gess has the only complete lens grinding laboratory for making a complete set of eyeglasses in the entire country of Sierra Leone.

THE BIG DIESEL driven Winpower generator is now in service, giving him ample electricity for all of the hospital and mission needs.

In a recent letter, Dr. Gess expressed appreciation for the "generous response." Speaking of the generator, he wrote: "We accept this as a gift unto the Lord . . . grateful people sharing in the outreach of the church."

We want to recognize and give credit to the Winpower Corp. at Newton, Iowa, for furnishing, at a special price, this fine piece of



Dr. Lowell A. Gess and his wife test the generator purchased with contributions from cooperative members in Illinois. Watching are Kezia Bernard, a nurse in Dr. Gess' hospital, and Solo J. Kamara, the chief surgical assistant.

equipment with its regulated voltage control. They installed on this unit a Pitter diesel motor which is a type made in England with a service agency in Sierra Leone so that in future years when the need for parts arises, they will be available.

The faith of the EUB World Mission headquarters in our cooperative people to raise the funds to pay for this generator now has been realized.

I have several speaking engagements scheduled in December and January and any contributions from these presentations will be used for "glasses for needy African youth." To some of my readers this may challenge them more than the generator idea and, if so, won't you join us in this missionary spirit.

In other news about McDonough Power Cooperative, beginning Dec. 1, the cooperative is offering new services to our members in wiring, appliances and heating. The cooperative feels that wiring which is unsafe on members' premises should be replaced.

WE HAVE LEASED water heaters and ranges for several years. Many of our members have utilized this to an advantage and many of them have wanted to pay cash rather than be bothered by month-to-month lease payments. It is now possible for you to have all new appliances through your cooperative's office.

We have been engineering your electric heating problems for many years and have been repeatedly requested to help with the installation of electric heat. We will now do this to assure you of a satisfactory, safe and efficient installation.

The cooperative has a limited number of incandescent security lights which operate on an electric eye. While these lights last the cooperative will install on a member's pole this security light for \$25.

WE STILL continue to lease the mercury vapor security lights and will even continue to install all sales of mercury vapor lights for \$55 and give you one year's free service.

At the regular meeting of the board of directors on Dec. 20 considerable time was spent on analyzing and studying the budget for the forthcoming year. It is realized that with increased costs of operation that the cooperative must increase its revenue by new services to you the members as well as added revenue from the sale of electricity.

There is no cheaper hired hand to do your chores than electricity.



Impromptu conference by a group of cooperative leaders during Jo-Carroll Electric Cooperative's recent annual meeting. From left are William Janssen, secretary; Charles C. Youtzy, manager; William B. Petty, attorney and Everett R. Read, board president.

Jo-Carroll Maps Plans For Improved Service

More than 850 persons attended the 26th annual meeting of Jo-Carroll Electric Cooperative, Elizabeth, recently at Savanna.

They heard officers report that the cooperative was in sound financial condition and that plans are under way to increase the efficiency of its operation.

Everett R. Read, president, reported that a \$346,000 REA loan will be used to improve the system and increase the amount of electricity that can be delivered to the membership. He said the average electrical use per member is among the highest in the state.

MORRIS W. BIRKBECK, treasurer, reported that the cooperative last year paid \$22,410 in taxes which, among other things, went to support schools, highways and governmental units in the area served by the cooperative.

Charles C. Youtzy, manager, said cooperative property had suffered extensively from floods and storms during the last year. But he praised

the skill, energy and diligence of workers in effecting speedy repairs.

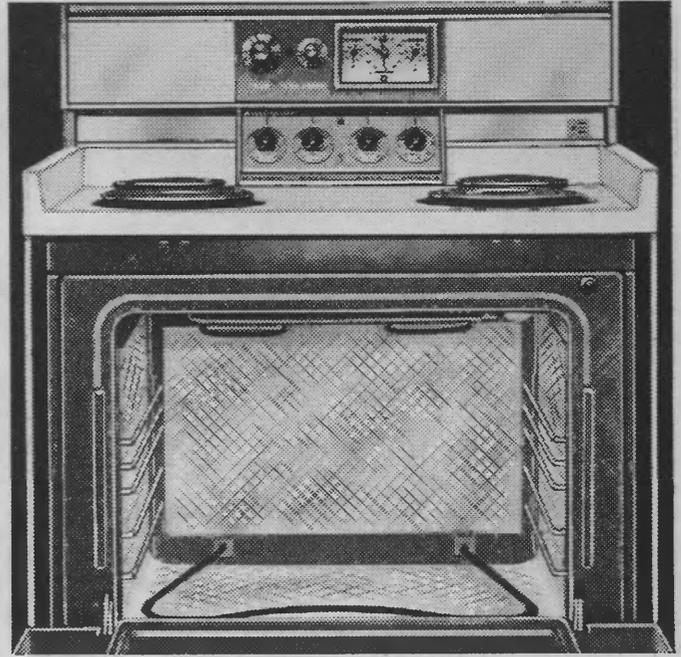
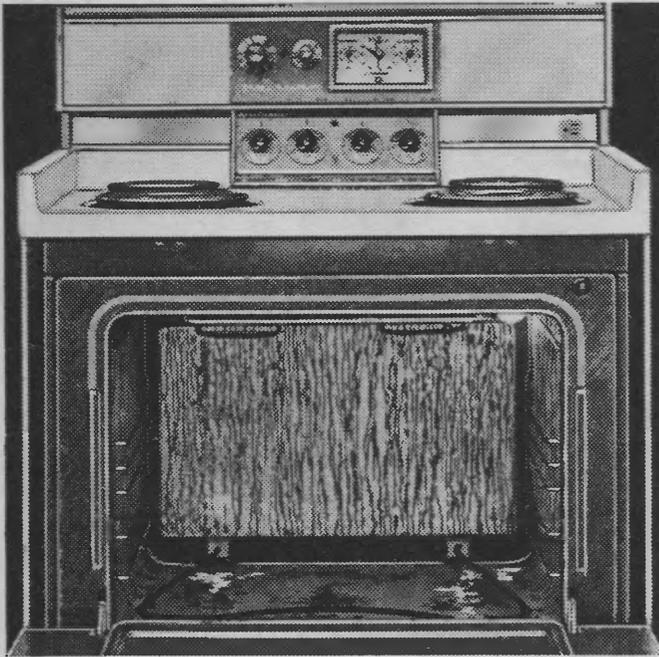
Albert J. Cross, director, legal and public affairs department, Association of Illinois Electric Cooperatives, stressed need for even more careful selection of legislators who would truly protect all interests of rural area residents. Numerous rural area legislators, he said, are being lost as a result of redistricting.

JO-CARROLL members re-elected all four incumbent board members. Re-elected for three-year terms were Mr. Birkbeck over John E. Baus, 89 to 28; Ward Dangel over Allen Haas, 45 to 40, and William Janssen over Norman Isenhardt, 102 to 8.

Theodore Storm was re-elected for a one-year term over Paul Harridge, 90-24.

At their annual organizational meeting following the membership session, directors re-elected previous officers: Mr. Read, president; Harry Hall, vice president; Mr. Janssen, secretary, and Mr. Birkbeck, treasurer.

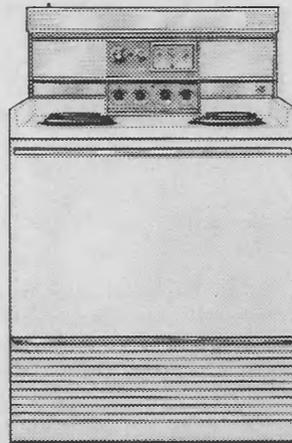
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oven cleaning drudgery...

with aluminum foil
linings you replace
in just minutes!

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to broil and bake with them. Every Kelvinator range also includes lift-off oven door, recessed cooking top, multi-heat broiling, and other deluxe features. Of course, if you want to pay more than \$300 for a range, you can get our deluxe Tri-Level model. It has two ovens—*both* of which eliminate oven cleaning drudgery!

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J & J TV

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DANVILLE, ILLINOIS
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Mels Bros. Dept. Store

DECATUR, ILLINOIS
Beck's TV & Appliance
Biedermans Furniture, Inc.
Carson Pirle Scott
B. F. Goodrich Co.
Kitchen Distributors
Rusk Appliance Co.

DuQUOIN, ILLINOIS
DuQuoin Tire Mart

DWIGHT, ILLINOIS
Coast-to-Coast Store

EASTON, ILLINOIS
Fager Hardware

ELLIOTT, ILLINOIS
W. D. "Bud" Kretzler

FAIRBURY, ILLINOIS
Cender Gas Co.

GIBSON CITY, ILLINOIS
Cender Gas Co.
Gibson Home Furnishing

GIRARD, ILLINOIS
Girard Building Materials

HARRISBURG, ILLINOIS
Harrisburg Hardware & Appliance

HERRIN, ILLINOIS
Snyder TV

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
Lincoln TV and Appliance

MINONK, ILLINOIS
Ford's Electric Shop

MOUNT STERLING, ILLINOIS
Adams Electrical Co-operative

MURPHYSBORO, ILLINOIS
B & K Furniture Co.

OLNEY, ILLINOIS
B. F. Goodrich Co.

PEKIN, ILLINOIS
Pekin Furniture Mart

PEORIA, ILLINOIS
Carson Pirle Scott
Del's Appliance, Inc.
B. F. Goodrich Co.
General Discount
Goetz Refrigeration Co.
Lowenstein's, Inc.

PONTIAC, ILLINOIS
Jim Campagna

DECEMBER, 1965

What's New?



● Jet Pump

A new convertible jet pump has been built by Deming Division of Crane Co. for more flow and higher discharge pressures in shallow-well use and greater capacities at deeper settings in deep-well applications. The pump consists of a completely factory assembled jet motor pump plus dealer installed kits of adapter parts for shallow or deep-well use. The thermally protected motor — joined to the pump by a quick-connect coupling — can be easily removed without disturbing the liquid side of the pump should motor servicing be necessary. For additional information on the pump, Model 4986, contact Deming Division, Crane Co., Salem, Ohio, 44460.

QUINCY, ILLINOIS
B. F. Goodrich Co.
J & R Motor
Stroof Hardware

RANTOUL, ILLINOIS
Econ-O-Mart

SIDNEY, ILLINOIS
Floyd F. Erb

SPARTA, ILLINOIS
Ted's Quality Store

SPRINGFIELD, ILLINOIS
B. F. Goodrich Co.
Meyer Brothers Furn. Galleries

TUSCOLA, ILLINOIS
Ellis Appliance Service

URBANA, ILLINOIS
Carson Pirle Scott
J & T Davis Electric Co.
Twin City Refrigeration

VANDALIA, ILLINOIS
B. F. Goodrich Co.



● Circular Saw

Many features found in higher priced models are incorporated in the new 7¼-inch, Model 574 circular saw manufactured by Skil Corp., 5033 Elston Ave., Chicago. A super burnout protected motor, helical gears and anti-friction bearings are in the saw priced at \$39.95. Other features include a Vari-torque clutch, ribbed steel foot, depth and bevel controls and safety stop brushes.



● Portable Pump

A small, self-priming centrifugal pump for farm and home use is offered by Midland Products Co., Midland Park, N. J. The pump is less than nine inches long and weighs 18 pounds, including its one-half horsepower electric motor. It operates on any household outlet and is equipped with three-fourths inch garden hose connections. It can pump up to 1,300 gallons per hour.

TVA Makes Major Tax Payments

The Tennessee Valley Authority today is the largest "taxpayer" in Tennessee.

An agency source said state and local governments received more than \$25 million in taxes or in lieu of taxes from TVA and retail distributors of TVA electricity in fiscal year 1965.

More than \$9 million was paid by TVA. More than \$16 million was paid by local municipal and cooperative electric systems.

TVA figures show that not only is TVA the largest "taxpayer" in Tennessee. Similarly most of the municipal distribution systems (including Knoxville, Chattanooga and Nashville) are the largest taxpayers to their city governments.

The total of \$25,090,473 paid for the year was about eight times as much as these governmental units received from electric systems in 1937 when the area was served chiefly by privately-owned power companies.

This growth rate in the Tennessee Valley has been greater than the growth in state and local taxes paid by power companies across the United States, according to latest available power company figures.

Total TVA-distributor payments represented 7.3 per cent of the power bills paid by homes, farms, business and industry served with TVA electricity. For surrounding privately-owned power companies, the ratio of state and local taxes to revenues ranged from 4.6 to 10.6 per cent in 1964.

TVA payments in lieu of taxes in fiscal year 1965 were about \$835,000 more than in the previous year.



A-1 PITCHER WANTED

Mother: "When that naughty boy threw stones at you, why didn't you come to me instead of throwing stones back at him?"

Little boy: "What good would that do? You couldn't hit the side of a barn!"

MAY BE PRETTY TOUGH

The cannibal chief poked his prisoner with an inquisitive finger. "What was your job before we captured you?" he asked.

"I was an editor," was the reply. "You're in for a promotion," chuckled the native. "Soon you will be editor-in-chief."

SCATS ALL!

A man came to the door of a suburban house.

"I hate to tell you this ma'am," he said, "but I just ran over your cat. I'm terribly sorry and I would like to replace him."

"Well, don't just stand there!" she snapped. "There's a mouse in the kitchen!"

HOW GALLANT CAN YOU BE!

Two men were seated in a bus. One of them noticed that his friend had his eyes closed.

"What's the matter, Bill?" he asked. "Feeling ill?"

"No, I'm all right," answered Bill. "It's just that I hate to see all these ladies standing."

OLYMPIC TRAINER

"What's this fly doing in my soup?" the customer angrily asked the waiter.

The waiter stood a minute looking into the soup bowl: "Looks like the backstroke to me."

MEN WANTED

AUTO DIESEL MECHANICS

Earn \$150 Per Week and up
Master a trade with a future—learn Auto-Diesel mechanics in our shops. You learn with tools on real equipment. Earn while you learn. Many of our graduates earn \$150 per week and up. No previous experience necessary. Day and night courses. Approved for veterans. Write for free bulletin.



Auto-Diesel College

226 7th Ave., N., Dept. 55
Nashville 3, Tenn.

QUOTABLE QUIPS

It's getting so people don't even repent at leisure.

* * *

Then there was the ill-humored civil engineer who always built cross roads.

* * *

Happiness is learning your daughter's boy friend has had his electric guitar repossessed.

* * *

When success turns a man's head he is facing failure.

* * *

We understand they've graded the atom bomb into three sizes: Big, tremendous, and where is everybody?

* * *

Knowledge is power, if you know it about the right people.

* * *

A smile is a gentle curved line which sets a lot of things straight.

* * *

Average is what all of us think we're smarter than.

* * *

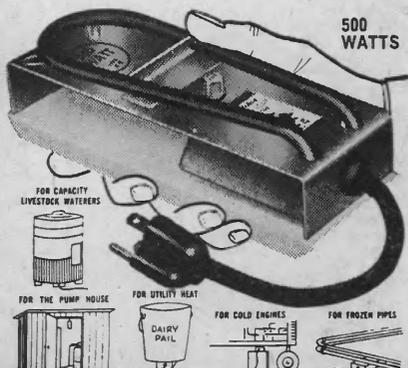
The man who sticks his head above the crowd is bound to get rocks thrown at him.

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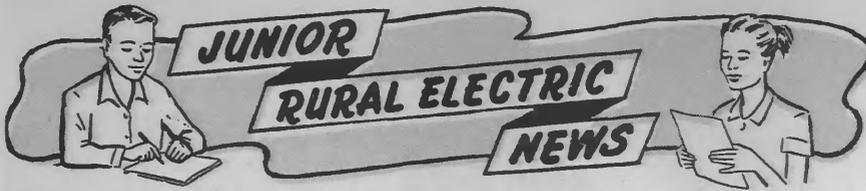
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PEN PALS

Dear Pen Pals:

Well, the time of year we all wait for—young and old—is finally here. Isn't it a shame Christmas only lasts 24 hours. Actually, we can keep the spirit of Christmas in our hearts for 365 days a year—if we try. Let us make that one of our New Year's resolutions.

I need more pictures, so how about sending me some for Christmas. If you wish your pictures returned, please indicate this in your letter.

So deck the halls with holly and be of good cheer. To all a **MERRY CHRISTMAS AND A HAPPY NEW YEAR.**

Send any letters for publication to: Dee Steel—Junior Rural Electric News, Box 1180, Springfield, Ill. 62705.

* * *



DEBRA WEEMS, 1114 Gaskon Ave., Mt. Vernon, Ill. 10 yrs. old and in the 5th grade. Light brown hair and hazel eyes. Hobbies—sewing and playing the clarinet. Would like to hear from girls between the ages of 8 and 11.

* * *

LOUELLA DEVALL, r.r. 1, Greenup, Ill. 16 yrs. and attends Cumberland High School. Auburn hair and green eyes. Hobbies—playing the piano, accordion and saxophone and reading. Would like to hear from boys and girls between the ages of 16 and 19. Send pictures if possible.

KEEP STOCK TANKS OPEN



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Department RE-12, Milford, Indiana

JOANNE WHETSTONE, r.r. 2, Carmi, Ill. 12 yrs. old. Light brown hair and green eyes. Hobbies—visiting girl friends and dancing. Would like to hear from boys and girls of all ages.

* * *

ALICE FAYE CARLE, r.r. 1, Oakdale, Ill. 10 yrs. old. Blonde hair and brown eyes. Hobbies—singing, sewing and playing house. Will try to answer all letters. Send pictures if possible.

* * *

SHERRY KAY HOLDER, r.r. 2, Jerseyville, Ill. 11 yrs. old and in the 6th grade at East Elementary Grade School. Brown hair and brown eyes. Belongs to 4-H. Likes the outdoors very much. Also likes animals especially dogs, cats and horses. Would like to hear from boys and girls between 10 and 14 years of age. Send pictures if possible.



* * *

MARIANNE BIMA, Hennepin, Ill. 61327. 11 yrs. old and in the 7th grade. Brown hair and brown eyes. Has one brother and two sisters. Would like to hear from boys and girls same age.

* * *



JOHNNY E. TANGMAN, r.r. 2, Franklin, Ill. 11 yrs. old. Brown hair and blue eyes. Hobbies—playing football and going to school. Likes horses. Would like to have pen pals.

* * *

JUDY COOK, r.r. 1, Petersburg, Ill. 12 yrs. old and in the 8th grade. Light brown hair and blue eyes. Hobbies—writing songs and drawing. Would like to hear from boys and girls same age who like music. Send pictures if possible.

SHARON TUCKER, P.O. Box 302, Findlay, Ill. 62534. 13 yrs. old and in the 7th grade. Brown hair and blue eyes. Hobbies—cooking, swimming, reading, sewing, baby sitting and watching TV. Would like to hear from boys and girls between 10 and 15. Will try to answer all letters.

* * *

MELINDA M. SCHAUMBURG, r.r. Watseka, Ill. 10 yrs. old and in the 5th grade. Blonde hair and blue eyes. Likes cats and has five. Hobbies—swimming, reading and horseback riding. Would like to hear from boys and girls between the ages of 9 and 12. Send pictures if possible.

* * *



NANCY GWEN LACY, r.r. 3, Carbondale, Ill. 10 yrs. old and in the 4th grade at Giant City School. Brown hair and brown eyes. Hobbies—riding horses and making friends with neighbors. Send pictures if possible.

* * *

MARIAN SIMPSON, r.r. 3, Rushville, Ill. 62681. 13 yrs. old and in the 8th grade. Blonde hair and blue eyes. Attends Rushville Jr. High School. Hobbies—dancing, listening to records and roller skating. Would like to hear from boys and girls between the ages of 12 and 14.

* * *

ROSEMARY SNOW, r.r. 2, Pana, Ill. 62554. 13 yrs. old and in the 8th grade at St. Mary's School in Assumption. Brown hair and blue eyes. Hobbies—knitting, roller skating, dancing and sports. Would like to hear from boys and girls between the ages of 12 and 16. Send pictures if possible. Will try to answer all letters.

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12	Exposure Roll Developed and Enlarged New Roll Kodacolor Free	\$3⁵⁰
BLACK & WHITE		
8	Exposure Roll Developed and Enlarged New Roll Kodak Film Free	75¢
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HAPPY NEW



Plan your next party around the punch bowl



Confetti Buns are gay new twist for buffet



Delightful snack treats to serve with punch



Serve Clock-Watchers Cake throughout year

■ What a wonderful way to welcome 1966—at home with family, friends, food and refreshment. If you are planning a New Year's Eve Party, you might get an idea from our Minutes-to-Midnight menu and vary to suit yourself. A do-ahead buffet might include Crabmeat Salad in Red Caviar Ring, Thin Sliced Turkey Sandwiches, Fruit Cake and Holiday Cranberry Shrub. Or plan a little party around the punch bowl and offer guests delightful snack treats. We hope you find a recipe that will give your party that added something.

RED CAVIAR RING

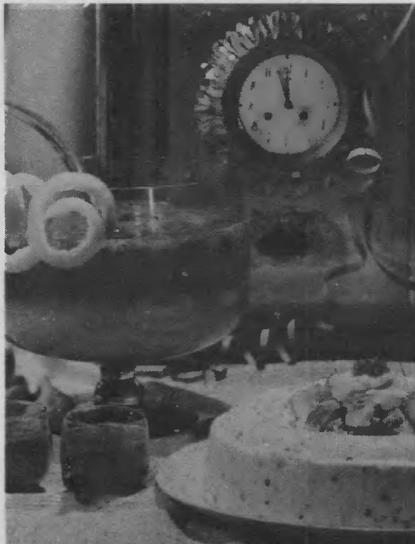
- 1 envelope unflavored gelatin
- 1 7-oz. bottle lemon-lime drink
- ½ pint sour cream
- 1 tablespoon lemon juice
- 1 cup heavy cream, whipped
- 1 jar (4-oz.) red caviar

Sprinkle gelatin into drink. Heat on low, stirring until completely dissolved. Chill until slightly thickened. Combine sour cream with lemon juice. Fold in whipped cream and gelatin mixture, then the caviar. Pour into 1-quart ring mold. Chill until firm. Unmold on platter, garnish with salad greens. Just before serving, fill center with Crabmeat Salad. Makes 8 servings.

CRABMEAT SALAD

- 2 cans (7-oz.) crabmeat
- 1 cup chopped celery
- ¼ cup chopped green pepper
- 1 teaspoon grated onion
- ¼ teaspoon garlic salt
- ¼ cup French dressing
- 1 cup mayonnaise

Flake crabmeat, mix with celery, green pepper, onion, garlic salt and French dressing. Marinate for several hours in refrigerator. Just before serving, mix with mayonnaise.



Minutes-to-Midnight menu features crabmeat

HOLIDAY CRANBERRY SHRUB

- 2 pints cranberry juice
- 1 jar (10-oz.) currant jelly
- 1 6-oz. can frozen orange juice concentrate
- 6 7-oz. bottles lemon-lime drink, chilled
- Orange curls
- Cherries

Heat 1 pint cranberry juice, stir in jelly until dissolved. Add orange juice concentrate; stir until blended. Chill. Pour into punch bowl. Add remaining cranberry juice and drink. Garnish punch bowl with orange curls and cherries. Makes 22 (4-oz.) servings.

SURPRISE MEATBALLS

- ½ lb. twice ground beef
- 1 egg
- ½ cup dry bread crumbs
- ½ cup carbonated drink
- ½ teaspoon garlic salt
- ½ teaspoon onion salt
- 24 small stuffed green olives

Combine beef, egg, bread crumbs, drink and seasonings. Place 1 tablespoon meat mixture into palm of hand and flatten; place an olive into center of meat, mold meat around olive. Place meatballs 2 inches from broiler and broil for 6-8 minutes, turn once. Insert a toothpick into each meatball, serve hot. Makes 24 meatballs.

CLAM DIP

- 1 8-oz. pkg. cream cheese
- ½ cup carbonated drink
- 1 teaspoon Worcestershire
- ½ teaspoon garlic salt
- 1 7-oz. can minced clams, drained

Have cream cheese at room temperature. Combine cheese with drink. Stir until smooth. Add remaining ingredients. Serve dip with rippled potato chips or crackers.

CURRIED CANAPES

- 1 7-oz. can tuna fish, drained
- ½ cup mayonnaise
- ½ teaspoon onion salt
- 1 teaspoon curry powder
- 3 tablespoons lemon-lime drink
- 24 Melba toast rounds
- Olive slices

Flake tuna into small pieces. Combine mayonnaise, onion salt, curry and drink. Place a heaping teaspoonful of tuna mixture on each round. Garnish top with an olive slice. Broil about 2 inches from broiler for 2-3 minutes or until hot and lightly browned. Serve hot.

CHEESE PECAN ROLL

- 3 3-oz. pkgs. cream cheese
- 2 tablespoons cream
- ½ lb. Blue cheese
- 2 teaspoons grated onion
- 1 clove garlic, finely minced
- ½ teaspoon paprika
- 1 cup chopped pecans

Mix cream cheese with cream. Blend with Blue cheese. Add onion, garlic and paprika. Form into roll about 1 inch in diameter. Spread chopped pecans on waxed paper. Roll cheese in pecans. Wrap in waxed paper, chill. Slice in thin slices. Serve with crackers and assorted cheeses.

CHEESE TWISTS

- 1 recipe plain pastry (using 2 cups flour)
- 1 cup grated Swiss or sharp American cheese
- 2 tablespoons caraway seeds
- 1 egg, beaten
- 2 teaspoons coarse salt

To pastry, add the grated cheese and caraway seeds. Mix well. Roll pastry into rectangle. Cut strips about ½" wide

Year



Gala Golden Eggnog go-withs — Fruit-Nut Cookies, Flaky Meringues and Honey Nut Drops

and 5" long. Brush lightly with egg. Sprinkle with coarse salt. Twist. Bake on ungreased cooky sheet at 375 degrees 8-10 minutes or until nicely browned. The most versatile trick of all—superb for salad, soup or tea.

AVOCADO DIP

- 2 ripe avocados
- 1 cup sour cream
- ¼ teaspoon salt
- 2 tablespoons horseradish
- ¼ cup grated onion

Cut avocados in halves, remove seed and peel. Mash with a wooden spoon, beat until smooth. Stir in remaining ingredients. Makes 2 cups.

GOLDEN EGGNOG

- 6 eggs, separated
- ¾ cup sugar
- 1 quart milk
- 1 tablespoon vanilla
- 1 pint heavy cream, whipped
- Nutmeg

Whip egg whites until very foamy. Gradually add and beat in sugar. Beat just until egg whites form soft, shiny peaks. Beat egg yolks until thick. Fold in whites. Slowly stir in milk and vanilla. Fold cream into egg mixture. Chill in refrigerator. Serve in chilled bowl; sprinkle with nutmeg. Makes about 24 servings.

SPICED CIDER

- 8 2-inch pieces cinnamon bark
- 1 tablespoon cloves
- 1 tablespoon allspice
- ½ teaspoon mace
- ½ teaspoon salt
- Dash cayenne pepper
- 1 cup brown sugar
- 1 gallon cider

Tie spices loosely in a cheesecloth bag. Add spices and brown sugar to cider. Bring slowly to boiling point. Simmer 15 minutes, remove spice bag. Serve hot to about 25.

CONFETTI BUNS

- ¾ cup milk
- ½ cup sugar
- 2 teaspoons salt
- ½ cup (1 stick) margarine
- ½ cup warm water
- 2 pkgs. or cakes yeast
- 1 egg
- 2 teaspoons grated lemon peel
- 4 cups flour
- 2 cups flaked coconut
- 1 cup confectioners' sugar
- ¼ cup lemon juice
- Confectioners' sugar frosting
- Colored sprinkles

Scald milk; stir in sugar, salt and margarine. Cool to lukewarm. Measure warm water into large warm bowl. Sprinkle or crumble in yeast; stir until dissolved. Stir in lukewarm milk mixture, egg, grated lemon peel and half the flour; beat until smooth. Stir in remaining flour to make a stiff batter. Cover tightly with wax paper or foil. Refrigerate dough at least 2 hours. Dough may be kept in refrigerator 3 days. To prepare filling combine coconut, confectioners' sugar and lemon juice. Mix until well blended. Divide dough in half. Roll half of dough into an oblong 12 x 18 inches. Spread half of coconut filling on dough. Fold in thirds. Cut into strips about 1½ inches wide. Holding ends of each strip, twist tightly in opposite directions. Pinch ends to seal. Place on greased baking sheets. Re-

peat with remaining dough and filling. Cover; let rise in warm place, free from draft, until doubled in bulk, about one hour. Bake at 375 degrees about 15-20 minutes or until done. Frost with confectioners' frosting and decorate with colored sprinkles. Serve these with your traditional New Year's Eve buffet.

FRUIT-NUT BUTTER COOKIES

- 1 cup (2 sticks) butter
- ¾ cup sugar
- 1 egg
- 2 teaspoons vanilla
- 2½ cups flour
- ½ teaspoon salt
- 2 cups chopped walnuts or pecans
- Candied red and green cherries
- Candied pineapple, cut in wedges
- Pitted dates
- Whole nutmeats

Cream butter and sugar together thoroughly. Add egg, beat until light and fluffy. Add vanilla. Sift flour and salt together; beat gradually into butter mixture. Chill about 2 hours. Shape dough into balls the size of large marbles; roll in chopped nuts. Place on greased cooky sheet. Press candied fruit, dates or nutmeats into the center of each. Bake 12-15 minutes at 375 degrees. Remove to cooky rack to cool. Variation: Shape about a teaspoon of dough around candied fruit, dates or nutmeats for each cooky. Roll in chopped nuts. Bake as above. Makes 5 dozen. We found this recipe an excellent way to use leftovers from holiday baking.

FLAKY MERINGUE COOKIES

- 1½ cups flour
- ¼ teaspoon salt
- ½ cup (1 stick) butter
- 2 egg yolks, slightly beaten
- 5 teaspoons lemon juice
- ½ teaspoon lemon rind, grated
- Nut Meringue Filling
- Confectioners' sugar

Sift flour and salt together. Cut in butter until the size of small peas. Add yolks, lemon juice and rind. Stir with a fork until well blended. Chill dough thoroughly (about 2 hours). Pinch off small pieces of dough, form into 1-inch balls with hands. Place on lightly floured pastry cloth and flatten to form 2½-inch circles with the bottom of a glass or rolling pin. Spread 1 teaspoon of Nut Meringue Filling in the center of each. Roll dough as for a jelly roll, being sure to seal edges and ends of each cooky well. Place in a crescent shape on cooky sheet. Bake 15 minutes at 375 degrees or until lightly browned. Place on cooky rack to cool. While warm, sprinkle with confectioners' sugar. Makes 4½ dozen.

NUT MERINGUE FILLING:

- 2 egg whites
- ½ cup sugar
- ¼ cup finely chopped nuts

Beat egg whites until soft peaks form. Gradually add sugar while continuing to beat. Beat until stiff and glossy. Fold in chopped nuts.

HONEY DROPS

- ¾ cup butter
- 1 cup sugar
- 1 egg yolk
- 1 teaspoon orange rind, grated
- ¼ cup honey
- 2½ cups flour
- 2 teaspoons baking powder
- ½ teaspoon mace
- ½ teaspoon salt
- 1 egg white, slightly beaten
- Shredded coconut

Cream butter and sugar together thoroughly. Beat in egg yolk and orange rind. Blend in honey. Sift dry ingredients together, beat gradually into butter mixture. Drop by teaspoon onto cooky sheet 2" apart. Flatten with fork dipped in flour, then brush with egg white. Sprinkle each cooky with red or green colored coconut. Bake 8-12 minutes at 350 degrees. Cool on cooky rack. Makes 5 dozen. Note: To color coconut, sprinkle a few drops of red or green food coloring over coconut. Toss with a fork until evenly colored.

CLOCK WATCHER'S CAKE

- ½ cup shortening
- 1½ cups sugar
- 1 teaspoon vanilla
- 2 eggs, beaten
- 2 sq. chocolate, melted
- 1 tablespoon lemon juice
- 1 cup milk
- 1 teaspoon red food coloring
- 1½ cups flour
- ½ teaspoon salt
- 1 teaspoon soda

Cream shortening; add sugar and continue creaming until light and fluffy. Blend in vanilla. Stir in eggs and melted chocolate and blend well. Combine lemon juice and milk, allow to stand a few minutes; add red coloring. Add salt to flour; add with milk alternately to the creamed mixture. Stir soda into last addition of flour. Mix well. Pour batter into 2 greased 9-inch layer cake pans. Bake in 350 degrees 25-30 minutes. Cool 5 minutes. Put layers together with Midnight Frosting and frost cake with same frosting. Then prepare Decorating Icing. Place in a cake decorator or paper cornucopia with plain decorating point, and print clock numerals on top of cake. Then make hands of clock pointing to almost midnight.

MIDNIGHT FROSTING: Melt 2 squares unsweetened chocolate and 2 tablespoons butter, blend. Add 5 tablespoons evaporated milk, cool until slightly thickened, stirring constantly. Remove from heat, add 4 cups sifted confectioners' sugar gradually, beating until the right consistency to spread. If necessary, add about 1 tablespoon hot water and continue beating until spreadable.

DECORATING ICING: Place 1 cup confectioners' sugar in small bowl, add 1½ tablespoons milk, beat until smooth.

for the homemakers By Dee Steel



Philodendrons

■ Philodendrons grow better than most other house plants under the adverse conditions found inside modern homes. They do well as long as they are kept warm—65 degree minimum—moderately moist and out of direct sunlight.

Not too long ago when anyone said "philodendron," the speaker was referring to *P. oxycardium*, the most commonly grown form with heart-shaped leaves. It is often grown in water or moss. Today over 200 forms of philodendron are available.

P. dubium, cut-leaf philodendron, is a slow grower, seldom gets out of bounds. It has star-shaped leaves. *P. panduriforme*, has fiddleleaf, irregularly-shaped, olive-green leaves. *P. pertusum* is a rapid climber with perforated leaves that are irregularly shaped. It's really the juvenile form of the adult *deliciosa* with broad, thick leaves with many perforations. *P. squamiferum*, anchorleaf, has leaves and petioles covered by red hairs. The leaves are like daggers. These philodendrons are grown on moss-covered poles.

Some forms of philodendron do not need support. Among these forms are *P. bipinnatifidum*, twice-cut philodendron with leaves twice as large and more deeply notched than *P. dubium*. *P. selloum* produces leaves which are nearly solid when small then grows cut leaves; it can withstand temperatures to freezing. *P. wendlandi* has long, narrow leaves and is hardy, too. These are the more common varieties.

Plant philodendron in regular potting mixture with drainage; keep soil moist but not wet. Grow in indirect sunlight, warm temperatures and low humidity. Wash leaves once a month with soap and water. Choose variety carefully to get size, shape and texture that will look best in your home. A small plant, like a kitten or puppy, may look cute but takes over the house when it's grown.



MAKING A TOTEM to train houseplants to grow on is easy. Follow these steps: (A) Select a pole 3 to 5 times taller than the container in which the totem is to be used; (B) Wrap the pole with a layer of sphagnum moss two to three inches deep and bind the moss with string; (C) Push the pole into the soil; (D) Wind the vine around the totem; (E) Use hairpins to fasten the vine to the totem; (F) Keep the moss damp—roots will grow into the moss and the leaves will form a solid mass. When plant reaches end cut back to force new branches to develop. Pin stem back.

Pressing problems?

■ The quickest way we know to improve your iron-ability is to use an electric clothes dryer. If you have been using a dryer for some time you've probably already learned the trick is to remove clothes the instant the machine shuts off. Shake them, stretch the seams and hang them to cool off. More than likely they will look nice enough to wear without further attention if they are labeled "no-iron."

Today's irons have many new features that make ironing easier than ever. They offer a wide temperature range to accommodate all types of fabric. Be sure to check the guide on your iron and set dial correctly because each fiber has a different sensitivity to heat. Using steam or spray-steam moistens the fabric and makes ironing easier. And the latest news in irons is a Teflon coating on the sole plate that prevents starch from sticking to iron. Here are helpful hints to improve your ironing ability.

- There are three basic ironing methods: 1) with a regular iron for damp fabrics; 2) with a steam iron for lightly wrinkled clothes, wools, wool blends; and 3) with fingers to smooth wash-wear and drip-dry garments.

- Make sure your iron is clean. To remove starch and soil from sole plate, wipe with a cloth dipped in soap or detergent suds, then rinse and wipe dry. Always unplug iron.

- Be sure to wash anything that is even slightly soiled before ironing. They won't look right and pressed-in soil and perspiration will be harder than ever to remove.

- Wash new ironing board covers before using since sizing scorches. Replace cover while damp so it will dry taut. Wash cover often to remove starch, lint and dye.

- If board is to be stored cover with plastic or paper dress bag to keep clean.

- Fold clothes lightly instead of rolling after sprinkling. Fewer wrinkles will get set, less ironing is needed.

- Put sprinkled clothes in plastic sheet or bag instead of traditional

towel, moisture will be evenly distributed.

- Separate colored clothes from white while damp.

- If you can't press a heavy piece soon after washing, let it dry thoroughly. When ready to iron, sprinkle, fold, cover with cloth, wrap in paper, leave briefly in warm oven to dampen evenly.

- Use time-saving short cuts when ironing lingerie and other "inside" items, save all-out efforts for showier pieces.

- Always iron small areas of garment first, leaving larger sections for last to prevent creasing.

- It's not necessary to iron dampened garments bone-dry if you hang carefully to air-dry before putting away.

- It's easier to iron large pieces if you reverse the board's position so the iron can be placed on the narrow, pointed end at your right. This leaves the broad, square end free for maximum working space.

- If you have no steam iron, use a well-dampened press cloth with fairly hot iron to simulate steam. Hold the iron just above the press cloth without letting it touch. This method will coax up the pile on cotton velveteen and corduroy. A semi-transparent press cloth will let you see what you are doing.

- Iron wools and dark cottons on the wrong side to avoid a shiny finish. Pockets and thick areas may be touched up on the right side with press cloth.

- Sudsable silk should always be ironed quite damp but never sprinkled because silk waterspots. To dampen silk, wet the entire piece and blot with a towel—or just roll in a damp towel a few minutes.

- Iron lace, embroidery, eyelet, pique and rough surface materials over turkish towel padding to bring out the decoration or texture in a 3D effect.

- A handy substitute for a sleeve board is a rolled towel. To "iron" a puffed sleeve, remove shade from a table lamp, turn on light bulb. Put the damp sleeve over hot bulb and pull it slowly until wrinkles disappear.

- To produce neat tucks, iron them slowly dry. Pull vertical tucks taut and iron lengthwise; work from top down on horizontal tucks. To avoid "pasted" look, lift each tuck after ironing by running a table knife under it.

- Press lace ruffles flat then while still warm, use fingers to ease and stretch them back to shape and fullness. For fabric ruffles, iron only edging then finger-press.

- To save time when ironing a pleated skirt or dress, sew a line of machine stitching close to the crease of each pleat before wearing the first time. Or baste pleats at hemline before laundering.

- Permanently-pleated, no-iron clothes should be hung wet to drip dry. Clip clothespins at hemline to hold each pleat in place. To sharpen creases, run down length with thumb and forefinger while still damp, pinching each crease hard. Or hang garment and set electric fan underneath so that air stream can blow out any wrinkles.

- Drip-dry blouses and dresses "iron" themselves if hung correctly. Arrange garment over shaped hanger, place folded washcloth pad under each shoulder. Shape, straighten garment while drying, stretch placket to make it smooth. Finger press seams, pleats, cuffs and any ruffles.

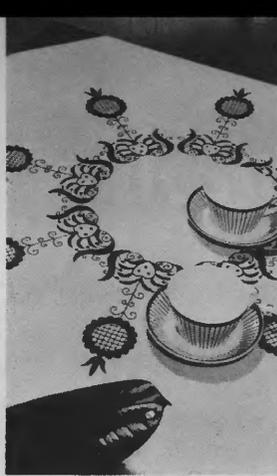
- You can eliminate much ironing right in washer by preventing deep creases which are set by wringing, twisting or prolonged spinning.

- Care for your iron by emptying out water when you've finished steam pressing. Always place on heel rest. Use heavy duty cord. Never iron over snaps or zippers, lest they scratch sole plate. Don't wrap cord around hot iron.





1. Double Irish Chain Quilt



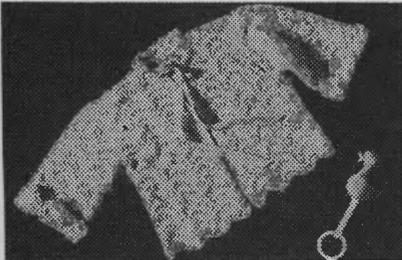
2. Crewel Table Cloth



3. Granny's Afghan



4. Ski Sweater



5. Feather and Fan Stitch Sacque



6. Beret-Turban



7. T-shirt-Cap



8. Medallion Dress

FREE PATTERNS

Winter needlecraft

1. Double Irish Chain, an example of the traditional patchwork method, is a variation of a universally known pattern. It is created entirely of small squares and rectangles and lends itself to the use of festive colors. As other quilts, it fits in and adds much grace to modern decor

2. High fashion in home decorating is easily achieved by creating this richly embroidered table cloth. Most effective when done with deep shades of floss such as myrtle green, cardinal or royal or any combination that fits you

3. Granny's Heirloom is the traditional favorite of afghans. Worked in 6-inch squares which you can pick up at leisure moments, the border and background in black with color running a riot in center. Nice for leftover yarn—

4. Norwegian ski sweater for the ladies designed in the popular continental style. We like it worn with a long-sleeved, turtle-neck shirt so popular now. A combination of rust-orange tones are used here and will fit 28 to 38

5. With all its tiny peek-a-boo holes, this little sacque is so light and airy that you'll want to have an extra one to give as a gift. Three skeins of knitting wool does it

6. A smart looking two-tone beret in periwinkle and emerald in this case. The shape is designed to flatter every woman. It's easy and a turban, even prettier, is included

7. Beautifully unique is this knitted T-shirt and matching cap . . . a perfect example of the new dramatic look in sportswear. The most marvelous feature is variegated yarn used in making this long moss-stitched sweater-shirt and hat

8. This Chinese, medallion striped dress is fashioned of a lovely oriental combination of light blue and wood brown. For a really striking effect, you might try bright melon with an emerald green design. This is an attention getter

ILLINOIS RURAL ELECTRIC NEWS

Dee Steel
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