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ILLINOIS RURAL ELECTRIC NEWS

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COVER: A regal stag crosses the fall landscape in artwork by IREN graphic artist Lynn Williams Baumgartner.

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illinois rural electric news

"Public" Ownership The Cooperative Way

Chairman Marvin Lieberman of the Illinois Commerce Commission, speaking before a seminar of public utility executives recently, warned that one of the greatest problems facing utilities was "justifying the continuing existence of the present system."

"Now, more than ever before, the public is demanding justification for all actions. Challenges are being made to fuel adjustment clauses and rate structures," Lieberman said. "Never has it been more important for the utilities to take the public in their confidence."

What Lieberman sees as the possible result of ignoring the problem is public ownership, a term which although it sounds good, has come to mean government take-over or nationalization in the name of the public.

We see the possibility of another alternative, however, one which takes the best of the private and public sectors and blends them into a unique form of control and ownership—the cooperative way.

The idea of public ownership is fraught with roadblocks in any other direction than the cooperative way. The possibility of government dipping its bureaucratic fingers into the business sector on a day-to-day basis should be abhorrent to everyone.

Because, regardless of the fine-sounding rhetoric, the good intentions or the promise of the public really having a say in the planning or rates of a utility, public ownership experiments in the past have often resulted in the public owning little and the government controlling a lot. The bottom line is that of a thinly-disguised hand in the name of public ownership again reaching into the public's back pocket.

Investor-owned utilities suffer from the fact that those who own them do not necessarily receive their energy needs from the utility. The primary interest is in making a profit for the investors, not providing the best possible service at the least possible cost to the consumers.

So what makes cooperatives different?

In their beginnings, cooperatives were financed by the federal government through low interest loans, granted by the Rural Electrification Administration (REA). They have become self-sustaining and are no longer a burden on the taxpayer. Cooperatives are nonprofit organizations which do not receive the benefits of accelerated depreciation and investment tax credits which often result in public utilities paying little or no federal income tax. Through the National Rural Utilities Cooperative Finance Corporation, an independent, self-help credit institution created by its member electric systems to provide supplemental financing, through Banks For Cooperatives and through the revolving-loan program instituted by the REA, cooperatives stand by themselves, without the subsidies and tax breaks associated with other utilities.

Control of the cooperatives is vested in the people it serves—its own members. There are no outside controls. There is only you and your neighbors and, from them, the people you elect to run your business.

It is your business, a business you manage through the board of directors. The chain of ownership starts and ends with the members.

Do cooperatives need to justify their continued existence? In effect, cooperatives' members would only be justifying what they do for themselves. The people who receive their energy needs from the cooperative are the only people who have an interest in what the cooperative does. This form of "public" ownership offers the justification of its existence without either the stifling control of the government or the nonconsumer-oriented interests of the investor-owned utilities.

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In First 25 Years

Mid Century Telephone Cooperative, with its 25th annual meeting recently, has achieved a milestone in its history—one in which the remaining five Illinois telephone cooperatives will soon share.

For a quarter of a century the Canton-based cooperative has been responsible for bringing vitally needed, dependable telephone service to its largely rural subscribers. It can rightly be proud of celebrating its silver anniversary of service this year.

The other five telephone cooperatives in Illinois which will be holding their 25th birthday celebrations within the next two years are: Adams Telephone Co-Operative, head-quartered in Golden; Egyptian Telephone Cooperative Association, Steeleville; Hamilton County Telephone Co-op, Dahlgren; McDonough Telephone Cooperative, Inc., Colchester; and Wabash Telephone Cooperative, Inc., Louisville.

Two of the "must have" commodities which have played an extremely important part in the development and continued prosperity of the rural areas have been telephone service and electric service. And because the electric and telephone cooperative programs have enjoyed a certain "kinship" for many years, are financed by the same method and have always shared the common goal of making life better in rural America, electric cooperative leaders are pleased to salute Mid Century as the first telephone cooperative in Illinois to pass the 25-year service mark.

The history of the telephone cooperative program in Illinois has many similarities with the electric cooperative program. Only a few short years

telephone cooperatives travel long distance

> after the first electric cooperatives were formed to meet the needs of rural consumers, and to alleviate a condition which saw only around 12 percent of rural Illinois people with electric service, telephone cooperatives were also organized to meet pressing needs.

Only a very few farms were equipped with telephones in the early 1900's. And, instead of the service getting better, it became progressively worse.

Maintenance of telephone lines by the several local telephone companies which cropped up during this period was haphazard at best. As the equipment aged, the service to the rural consumers deteriorated until it reached a point where many people voiced the opinion they might as well be without telephone service of any kind.

The party line during the 1940's was just that. In some areas between 20 and 25 families shared one common line. Many of the community telephone companies were often so small, serving less than 200 subscribers, that they could barely afford to stay in business. Repairs were financially impossible. And even by 1949, only about 39 percent of the farms in the United States were receiving any kind of service regardless of its dependability.

The reasons for the lack of telephones in the rural area at the time were similar to those for the small number of homes with electric service. It was just not profitable to construct, maintain and improve service on the many miles of lines. The rural area has a telephone subscriber density of less than 2.4 subscribers per mile of line as compared to more than 16 subscribers per mile for larger independent companies and something in excess of 40 subscribers per mile for the Bell system. The investment to bring service to the rural area was just not financially rewarding.

Concern over declining service and the inability to add new services spawned the idea for a different type of telephone service in Illinois, a type based partially on the successful electric cooperative program which was bringing power to more and more rural consumers every day.

A group of farmers from Fulton County met in Cuba, Illinois late in 1949 to discuss the alternatives to the service they were getting—or not getting. The result of the meeting was the selection of nine men representing the group who would attempt to organize a telephone company and take steps to obtain capital to finance the group's idea.

The financial source they found was the Rural Electrification Administration, the federal lending agency for electric cooperatives. In 1949, the act which funded electric cooperatives was amended to include telephone cooperatives and, in the words of the amendment, "to assure the availability of adequate telephone service" to small communities and rural areas.

The organizers began the long, time-consuming march to bring their telephone cooperative into reality. For the first four years after incorporation in 1950 (thus, Mid Century) the organization was a paper company only. It was not to remain that way forever.

The initial REA construction loan of \$202,000 was granted in 1952. The money was used to provide telephone service to 313 subscribers. But from

Loafing IS a Job

Plow Creek Fellowship is a place where everyone works to earn his daily bread.

And as a matter of fact, daily bread is the work of a few members of the Christian fellowship community located near Tiskilwa in north-central Illinois.

Four types of bread—whole wheat, rye, oatmeal raisin and a special white made with soy flour to make it more nutritious—are baked in the fellowship's bakery in downtown Tiskilwa.

The baking of nearly 400 loaves is done on Monday, Tuesday, Thursday and Friday of each week, with Wednesdays left open to experiment with new bread recipes. The breads are marketed in area retail stores and consumed by members.

But baking is only one of the money-making projects of the fellow-ship which is located on a 170-acre wooded farm in Bureau County. Electric service for Plow Creek is provided by Illinois Valley Electric Cooperative, Princeton.

The fellowship is structured as a commune or collective settlement, so its members have little worries about food, shelter, clothing or dependency in their old age. Money obtained from selling the baked goods, from leasing the 70-tillable acres and from the wages and salaries of the 26 members of the fellowship is placed in a general fund and is shared equally by all. In the settlement there are no extremely poor or wealthy members, everyone is equal, sharing the fellowship's financial stability the same as they share common problems.

Plow Creek is an outgrowth of Reba Place Fellowship and was founded three and a half years ago by three families from the Evanston settlement. Plow Creek gets its name from the stream which runs through the rolling wooded acreage of Plow Hollow where the farm is located.

Although it is independent, Plow Creek Fellowship is mutually connected with Reba Place Fellowship, the New Creation Fellowship located in Newton, Kansas and the Fellowship of Hope, located in Elkhart, Indiana. In a covenant agreement these four settlements share resources and personnel. And in time of need, such as last year when one of the homes at Plow Creek burned, workers and monetary aid came from other settlements to help with the rebuilding.

Currently, the fellowship has 26 members and some 30 children, along with a few "intentional neighbors" as people are called who are thinking about joining.

Members of the fellowship work at a variety of jobs in the surrounding communities with occupations including that of a psychologist, newspaper reporter, electric motor repairman, social worker and lumberyard employee.

The member's wages are placed in a general fund as is all the money earned by the fellowship. Members are given monthly allowances of \$33 for food and \$12.50 for clothing. However, each family lives on a budget according to the age and needs of the children. The fellowship is incorporated and pays taxes just as other corporations.

Work at the fellowship is shared equally, and jobs are assigned as to who can contribute what skill. One member is a skilled mechanic and keeps vehicles at the fellowship in running order while others contribute with their own talents.

Committees are assigned to handle different types of work. An animal committee oversees the care and feeding of livestock on the farm. This past summer a garden committee took care of the planting, harvesting and canning of vegetables and fruits raised in the fellowship's truck garden. Some

of the vegetables grown a year ago were sold, but this past summer's harvest was strictly for fellowship consumption.

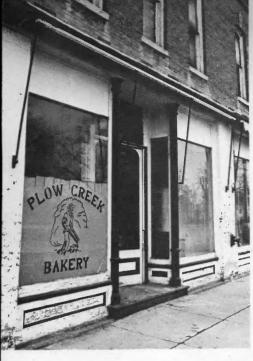
The building committee, which handles care and maintenance of buildings on the farm recently branched out in a new money-making direction. This past summer the crew erected pole barns and farm utility buildings for several farm building manufacturers.

There is no one person in charge of the fellowship. When important decisions are to be made, all members have an equal say. However, there are several elders who give the community some oversight.

The fellowship is a place where members can "sense mutually," sharing common problems and following Christian ethics in daily life. Plow Creek membership is approximately 50 percent Mennonite and 50 percent other demoninations and they live by the Judeo-Christian Bible. Twice a week the group assembles in common, Friday for a meal and on Sunday for worship.

Life at Plow Creek is one centered around religious beliefs and embodied by an unselfish, dedicated lifestyle. It is fellowship in the best definition of the word.











ABOVE LEFT: The bakery storefront in downtown Tiskilwa. ABOVE CENTER: Members work on the fellowship tractor's starter assembly. ABOVE: A bakery worker packages the fresh baked bread. LEFT: The old farmstead, as seen from atop the hill where the new fellowship buildings are located.



LEFT: A pensive Anita is highlighted by the sun's dying rays. CENTER: A self-taught guitarist, Anita displays her talents with an original song. BELOW: Anita shows off the sparkling smile and pretty face that won her the title of "Miss Illinois Electric Cooperative."





ILLINOIS RURAL ELECTRIC N

eigning Queen, udding Composer Herself

A Garming Composition

It only takes a fraction of a second to be introduced to Anita Carlson, start her talking and become her friend. Anything over that time limit and she'll think you're strange.

"Well, not really, but I like to have people like me and smile back at me when I smile at them" the brownhaired, blue-eyed beauty said. "If people smile back at me, talk to me and like me then I know I've made a friend and I'm happy.

An audience of more than 500 people including the Attorney General of Illinois, William J. Scott, was smiling with her and five beauty pageant judges liked her best recently when she was selected as "Miss Illinois Electric Cooperative" of 1975 during the annual meeting of the Association of Illinois Electric Cooperatives held in Springfield. Miss Carlson represented Eastern Illinois Power Cooperative (EIPC) headquartered in Paxton and succeeds Miss Mary Carter. Anita Jean is the daughter of Mr. and Mrs. Lloyd Carlson of rural Milford.

Miss Carter, also representing EIPC and Illinois, was chosen first runner-up in the beauty pageant of the National Rural Electric Cooperative Association (NRECA) held last February in New Orleans. In February, Anita will compete in this year's pageant to be held in Anaheim, California.

"It was a big thrill winning the state queen contest, maybe the biggest thrill I've ever had," Miss Carlson said. "I was surprised when I won the local contest here, but being chosen the state queen was...shocking?... great?...I just don't know how to describe it."

It was really a surprise to her because she thought she had already done everything wrong. "That's true," she said. "I stumbled and tripped up the stage steps, and who'd want a clutzy queen? And to think my name means divine grace.

"But what really made me think I didn't have much of a chance was when I met the other girls," she added. "When I looked at the other nine contestants, I thought to myself "my hair looks terrible and every girl here is so pretty.

"So when they called my name as the winner it was a real shock," Anita said. "I know I just looked lost. It's true, I didn't know what to do. I just stood there looking dumb with my mouth open I guess."

She was so surprised that later she didn't remember the crowning or even who crowned her. "Don't tell anyone that," she admonished. "I feel bad about not knowing who he (Attorney General Scott) was. He was smiling at me and I was smiling at him, but I was so far up in the air that he could've been anyone."

Even though the newly-crowned 17-year-old queen couldn't identify the person who crowned her, she did have the prescience of mind to get what she really wanted after she was crowned.

"A hamburger," Anita said. "After the crowning and before the pictures were all taken, I started getting hungry. I didn't eat before the pageant so I started thinking how great a big, juicy hamburger would taste. By the time the photographers were through and everyone had congratulated me I was about ready to starve!"

No one had to coach Anita to enter the beauty contests, even though she had never been in anything like it before.

"I don't know, I just wanted to do it. Some people say beauty pageants are degrading, but I just look at them as a chance to perform for people," Anita said. "I guess I have enough ham

in me that I like being in front of people.

Performing in one way or another is something she has been doing for many years. Her list of achievements is long enough to fill more than one page of a contest entry blank and she tries to add to the list as often as she can.

"I don't know, it just seems like I'm always trying to do something new," Anita said. "I keep doing the other things too, so I pretty well have to budget my time. I like to be involved, and the more involved I am the happier I am."

She should be almost ecstatic. Anità is both an artist and interested in many crafts.

Anita paints in oil and watercolors, works with clay and does some sketching which should make her one of the more talented queens. She also decoupages wedding invitations for her friends and does embroidery. She is so interested in crafts that one of the many things she would like to do with her future is open a hobby shop. From a financial standpoint it could be a disaster she admits. "I think I would probably be more interested in teaching other people to work with the crafts than I would be in selling them. You can't run a business that way, huh?"

If her future does not lay in art, it surely must be in music. She plays, in order of her preferences, the guitar, piano, trumpet and French Horn. A junior at Milford High School, she is in the school's marching, concert, pep and stage bands.

Anita is a self-taught guitar player who has already composed her first song, though she admits the chances of it making the Top Forty are slim. "Well, it's only the first try, give me some time," she said. "The name of the song is 'I Don't Care.' I do care,

A Charming Composition

(Continued from page 9)

about a lot of things, but that's the name of the song.

"I think if I could do anything with my life, it would be helping other people—caring about what happens to them and trying to be their friend. It all goes back to making people happy and being happy yourself. That's why I wrote the song."

Anita sings in the concert, swing and church choirs. Throw in an octette, sextette and singing solos at church and you have enough vocalizing to fill a few albums.

"And I talk a lot, too," Anita said with a smile. "My mother says I talk too much, but I don't think so. In one way or another my mouth is open almost all the time. Some days get busy. I get up early for some practices, come home late for others or come home late and go back and come home late again. It's fun though."

Since she still has at least one more year to think about the future, Anita has yet to make definite plans. Well, she has definite plans, but they keep changing.

"They change from day-to-day almost," Anita said. "Besides the idea of the hobby shop, I want to go to college to study business or music or maybe become a gospel singer.

Anita has found one job she doesn't mind, but it's also one she doesn't think would be right for her future—painting barns and corn cribs.

"I did that last summer for my dad," Anita said. "He wanted them painted and I wanted to make some money during the summer."

Her father's farm can now be identified from a long distance away. Anita's artistic bent decreed it should be a nice, sedate fire-engine red. In between swimming and painting she managed to pass the summer. She even learned how to use a ladder when she painted.

"Where did you hear that?" Anita said. "I had the small end of the ladder on the ground and the large end up in the air. The bad thing about it was I would've probably kept putting it up that way if someone hadn't told me it

was wrong."

Even if she doesn't understand ladders too well, Anita is still a farm girl. "I like living on the farm. It's peaceful here and it gives me a chance to do a lot of things I couldn't do in town. If I lived in town I couldn't walk along the creek bank and collect my thoughts and I couldn't really feel as free as I do. I like that."

What Anita will bring to the national pageant is a great deal of talent, a pretty face and a winning smile. Just remember to smile back at her.

Anita in one of her quieter moods, whether on the stage or just around the farm, she fits in with her surroundings.





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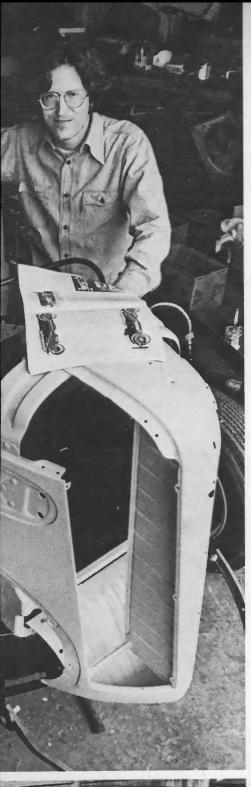


ABOVE LEFT: Smith and a few of the tempera illustrations he has done for use with his magazine articles.

ABOVE RIGHT: Smith with the 1937 Buick Special Convertible he restored this summer. BELOW FAR RIGHT: A 1932 Alvis, Smith's "pride and joy" which he plans on restoring for himself. RIGHT: The world's first 35mm camera invented by Smith's grandfather.









If someone told you there were Lacondas in Addieville, you would probably head straight for the nearest dictionary to see what they were talking about.

The word Laconda is not in most dictionaries; it is, however, in the vocabulary of anyone well-versed in the history of the automobiles of England. Everett Smith of rural Addieville is knowledgeable on the subject and in fact has two Lacondas. He is a member of Tri-County Electric Cooperative, Mt. Vernon.

Smith, a displaced Chicagoan, did engineering work in the plumbing and heating field before he tired of the windy city's fast pace and moved to pastoral Addieville.

He readily admits the answer to the question of how he became involved in restoring classic automobiles is a simple "to keep from starving."

His first restoration was a 1940 Ford a friend from Okawville had interested him in. He rebuilt it and sold it, then purchased a 1936 Ford. After the first two cars the work became addictive and he hasn't been able to stop.

Smith's interest in vintage cars came with his purchase of a 1932 Franklin. And his special interest in vintage sports cars comes from a trip he once made to Australia and an "auto love affair" with an English MG-TC.

He presently owns three vintage or classic sports cars—the two Lacondas and an Alvis. His Laconda's are high chassis touring models with 2-litre engines. The 1928 vintage autos have cloth bodies stretched over a wooden frame and were made in England.

Smith hasn't really decided what he is going to do with the two Lacondas. He may end up restoring both of them, but since parts are very hard to find, he may just rebuild one complete car. "Complete restoration of one will probably take over 800 hours of work," Smith said.

The restoration of the Laconda has a purpose because he plans on selling it or them and using the money to restore his Alvis. Smith bought the Alvis, the only one of its kind in the U.S., a year ago and as he puts it, "shot my lifesavings" for it.

"The Alvis, with its Vandeu-Plas design body, is in solid original condition. It is powered by a six cylinder 2.5-litre, overhead valve engine and has a magneto-coil ignition with change-over," Smith said.

Smith is very meticulous with his restoration work, disassembling the car and rebuilding it from the frame up. All parts are cleaned, sandblasted of rust, repaired if needed and given several coats of thick enamel before reassembly.

Last spring, he finished restoring a 1934 Aston Martin, Mark II (Bertelli series) for a man from Missouri. The car is a rarity with only five or six left in the world. Smith's eye for detail and careful work restored the car to near original condition. His wife, Adrienne, added the final touches by sewing kidskin seatcovers and edging the carpets with kidskin trim.

This summer he tackled a 1937 Buick Special Convertible four-door sedan. The car, which is relatively scarce, belongs to a man in Newton, Illinois.

More recently, he restored a 1932 MG-J2 which was sold in a St. Louis auction last month. Although he loves it, the restorations have become a lot of work, and his interests have overflowed into writing and doing illustration work for several vintage car magazines.

In Cars and Parts magazine which is published monthly by George Slankard of Sessor, Illinois, Smith has a monthly column which deals with the technical aspects and history of different vintage automobiles.

The magazine itself, with worldwide circulation, is basically a parts list for vintage car buffs. Smith's tempera illustrations and articles are incorporated with the parts lists to give the magazine a little variety.

Although he is a self-taught illustrator in the tempera medium, he majored in art at McKendree College and later at Southern Illinois University at Edwardsville. He also received some additional instruction in his early years from his mother, who is an art instructor.

Just recently Smith has had articles accepted for publication in *Milestone Car*, a quarterly publication for vintage car buffs. Smith hopes that someday to get away from the restoration work

(Continued on page 15)

telephone cooperatives travel long distance

(Continued from page 5)

that point on, the cooperative grew rapidly. Additional loans and the purchase of 14 small telephone systems in the area has brought the total number of subscribers being served by Mid Century to approximately 3,855 with over 5,600 telephones in service at the present time.

And with the growth in the number of subscribers has come the updating and improvements which today put telephone cooperatives in Illinois in a favorable position with the major companies in regard to dependability of service.

Because of the low density of subscribers per mile, telephone cooperatives have the lowest operating revenue per mile, roughly \$321.00 as opposed to \$2,500 for other independents and over \$11,000 for the Bell system.

In a 1971 study, it was shown that telephone cooperatives, in terms of investment per subscriber invested more than \$904 as compared to \$650 for independents and between \$650 and \$700 per subscriber for the Bell system.

Despite these handicaps the telephone cooperatives have proven themselves nationwide to be economically viable enterprises. In fact, the nation's telephone cooperatives have the lowest amount of uncollectible accounts per subscriber in the nation.

The telephone cooperatives in Illinois serve more than 20,200 consumer-members in 24 of Illinois' 102 counties.

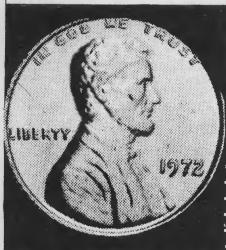
Telephone service the cooperative way is also at a comparable or lower cost when placed against the other independents and the Bell system even considering the high investments necessary to run lines over greater distances to provide service for fewer members.

The problems encountered by rural people before the advent of the telephone cooperatives have also been either eliminated or alleviated. The downfall of other rural telephone systems, maintenance, is an important and on-going part of the total service program of the cooperative. Within the last five years, all exchanges of the cooperative have been upgraded from multi-party to one-party service.

Today Mid Century and other Illinois telephone cooperatives, once the foster-children of the telephone system, have become an integral part of the total telecommunication network of the United States and its rural citizens. It's a service rural people cannot do without, performed by a group of dedicated people the telephone cooperative system cannot do without—its members.

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CLASS BACK IN THE CLASSICS

(Continued from page 13)

and spend all his time writing and doing illustrations.

His artistic talent and knack with mechanical things may have been inherited from his grandfather Guy P. Smith. Although his grandfather didn't know much about vintage cars, he was a part-time inventor who came very close to fame and fortune.

Grandfather Smith, a photoengraver with a St. Louis newspaper lived in Richmond Heights, Missouri. It was there, in 1912, he built the world's first 35mm camera-years before a similar version was introduced by foreign camera manufacturers.

At the time of his invention, the only film available was movie film. It was extremely grainy and any enlargements from it were extremely poor. Because of the problems with the film, Smith didn't patent the invention and put it on the shelf.

Grandfather Smith's invention was written up in the December, 1938 issue of Popular Science. The article posed the editorial question, "Who Invented the Miniature Camera?" and explained about Smith's invention.

Although Grandfather Smith never achieved any great acclaim, he did live a very interesting life. In his early years, he lived for a period of time on the Sioux Rosebud Indian Reservation. His father was a doctor there and he was the only white child on the reservation.

Growing older, Guy Smith took up oil painting and began his inventing. Most of his inventions took their shapes in wood, a material he was very skilled with.

Picture frames, mandolins that were inlaid with mother-of-pearl, were later followed by the first 35 mm camera, which itself had a wooden body.

While the elder Smith was intrigued with inventing new things, his grandson at the present time seems content with restoring autos of the past. But the same restlessness the elder Smith had is apparent in the ever-searching work of his grandson.

And maybe someday, someone will be restoring one of his classics.

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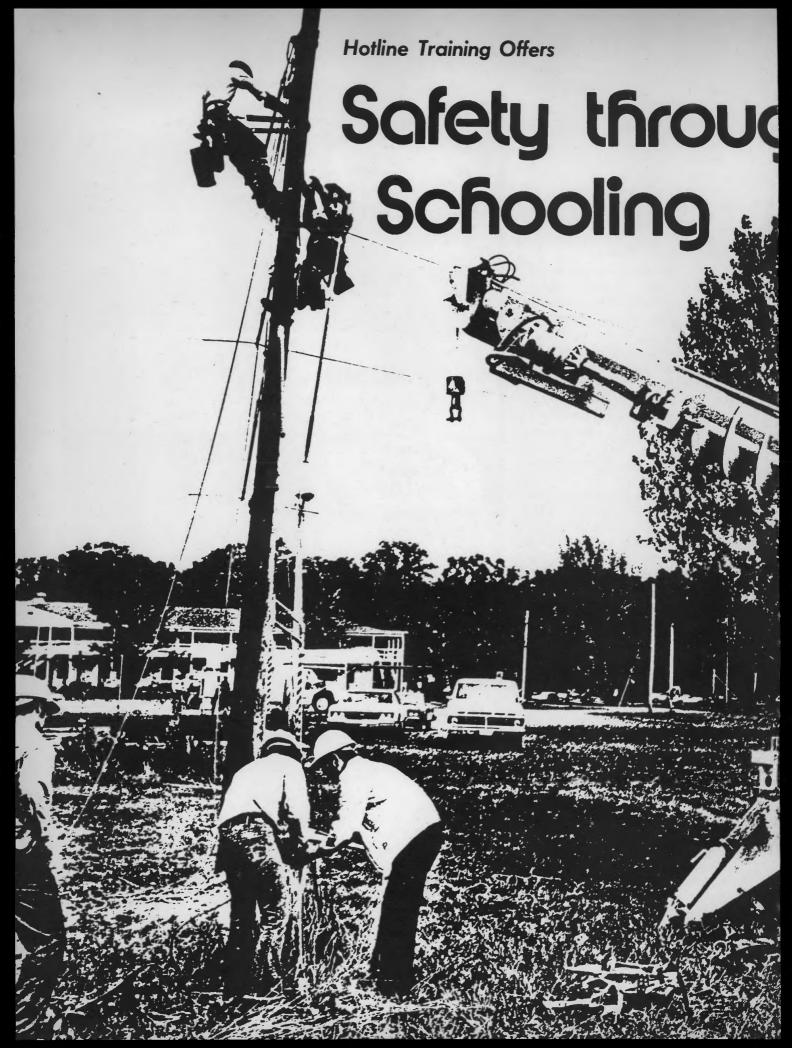
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ust as other professional peoplelawyers, doctors, firemen, etc.-must keep up with current methods, new procedures and technical developments in their fields, so must cooperative linemen.

Unlike the other professions, there is no college or university in Illinois that offers linemen the courses they need so they can update their knowledge and perform the day to day tasks required in order to provide the best possible maintenance of a cooperative's electric distribution system.

For these men, the updating of their skills takes place at a special "hotline" school sponsored by the Association of Illinois Electric Cooperatives (AIEC) under the auspices of the Illinois Electric Cooperative Job Training and Safety Committee. At this school, techniques are taught so lineman can perform maintenance without interrupting the service of the cooperative consumers.

For the past 21 years, Illinois linemen have been learning this highly specialized skill at a school held each year during the month of October at Southern Illinois University's Vocational Technical Institute campus, Carterville, at a specially constructed field laboratory.

When working around the 7,200 volt lines with the awesome power of electricity safety becomes the prime consideration. Learning how to work under those conditions isn't something a lineman can take lightly with hit or miss techniques. One miss is sometimes all it takes to quit playing the game permanently.

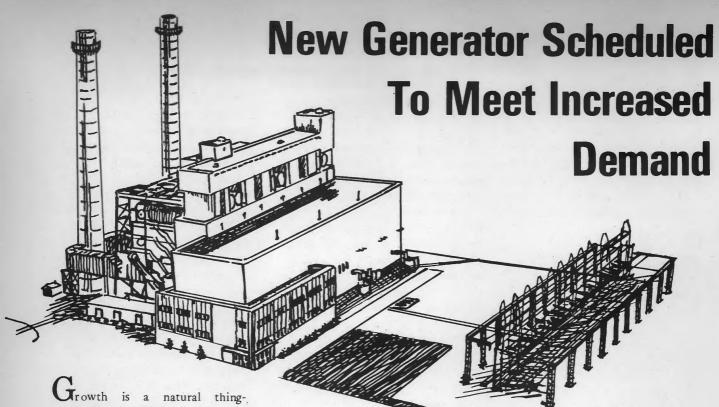
The outdoor laboratory has various types of distribution and transmission line construction and it is here with unenergized lines that 56 linemen from cooperatives and municipal electric systems throughout the state attended one of the three, one week schools held this year.

Instructors were "Slim" Rutschke and 13-year veteran Harry Simpson, both with the Job Training and Safety department of the AIEC.

This year Simpson will conclude 26 years of service in the field of job training and safety with cooperatives in Missouri, Montana and Illinois. He has announced plans to retire the last of January and his knowledge and dedication will be missed.

However, the job training and safety program will continue through the state and as in the past linemen will continue to keep up-to-date with safety and technical methods of providing Illinois consumers with uninterrupted electrical service.





Growth is a natural thing-sometimes it's good-sometimes it's bad, but in the electric utility industry it is always necessary, necessary that is, if the supplier is to stay ahead of the consumer and his ever-increasing use of electricity.

Southern Illinois Power Cooperative (SIPC) located about eight miles south of Marion, presently supplies electric power generation for three electric distribution cooperatives in Southern Illinois. In taking steps to meet the projected growth in the service area of Eldorado-based Southeastern Illinois Electric Cooperative, Steeleville-based Egyptian Electric Cooperative and the Dongola-based Southern Illinois Electric Cooperative, SIPC is in the process of more than doubling its capacity.

Although the increased capacity is extremely necessary, it is also expensive on the other hand. The original plant, which was dedicated in August in 1965 by Governor Otto Kerner, cost \$12.5 million. SIPC financed the plant, Lake of Egypt and 460 miles of transmission line with a \$25.8 million Rural Electrification Administration (REA) loan.

In today's inflated monetary terms it is going to cost \$83 million to double the plant's capacity. Breaking down the total costs, \$66 million will go for the generating capacity and approximately \$17 million will be used to purchase and install required

pollution control equipment.

Funds for the needed expansion have come to SIPC through a loan from the REA and is the first power supply loan of its type in Illinois. The money comes from the Federal Finance Bank, which was set up several years ago to handle all government loans. The loan is guaranteed by the government and is issued at the bank's going interest rate.

Presently the three generators in service provide net generation capacity of 35 megawatts (Mw) each. The new fourth unit alone will have 160 Mw of net generating capacity, some 55 Mw more than the present facility. Together they will produce enough power to meet short term needs.

According to SIPC officials, 80 percent of the material for the plant are on order and are being fabricated. However, no actual construction will begin until the first of January. Plans are for the unit to begin commercial operation in June of 1978, supplying a needed total (projected for 1979) of nearly 750 million kilowatt-hours (kwh) to consumers in the three cooperative area.

The projected figure for 1979 can be readily compared to the present three cooperative consumption of 482 million kwh's a year, and the projected total consumption of 1031 million kwh by the year 1985.

These figures are from studies made by each of the cooperatives during the past year. The projected figures are growth that can be expected today for the next 10 years. It may be that these projections will be low, but it is very unlikely that they will be high.

Growth in the Egyptian Electric Cooperative service area is expected to climb more than 131 percent in the next 10 years. Canalization of the Kaskaskia River played a big part in boosting the growth figures. Industrial growth, bringing with it residential growth in the Kaskaskia basin has played an important factor in the Steeleville-based cooperative's plans for the future.

Along with this potential, the proposed coal gasification plant south of New Athens, will itself bring in satellite residential growth of a proportion that must be considered in any future power requirement planning.

Along with these factors, Egyptian officials are expecting a tremendous growth in the Carbondale-Murphysboro area, where it already serves over 2200 members.

Southern Illinois Electric Coopera-

tive (SIEC) at Dongola is expecting an increase in energy consumption of approximately 120 percent over the next 10 years. SIEC officials project that membership will grow approximately 20 percent within the next 10 years. Residential growth around the East Cape area is expected to flourish and several industrial power loads are leading the list of growth in its service area.

Southeastern Illinois Electric Cooperative (SEIEC) at Eldorado is the largest of the three cooperatives served by the generation and transmission cooperative with over 11,000 memberowners. Although it is expected to grow the least of the three, approximately 109 percent, figures are sometimes confusing. Its 10 year projected power need of 582 million kwh is greater than the combined power needs for both the other cooperatives.

Growth in the SEIEC service is expected to come mainly from the boom in the coal industry which is located there. New mines already planned, as well as those that are expected to open in this coal rich area, will provide more jobs and with them will come the need for more residential facilities. These mines will need electricity, as will the homes of the workers.

Expected residential and industrial growth around the Rend Lake and Lake of Egypt have also played important parts in planning for future power needs in the SEIEC area.

As the rural areas grow, so must Southern Illinois Power Cooperative's generation capacity. Along with its growth it will also be necessary for the addition of many more miles of transmission line to the 658 that already branch out from the Marion station. In the next year, 30 miles of 69 kilovolt (kv) and 80 miles of 161 kv transmission line are planned. Of the 80 miles of 161 kv line, 30 is already under construction.

All this growth will require a lot of work and money to keep up with it, and if projections are correct, SIPC will be able to keep up with growth until 1985. At that time they will either have to purchase power from another electric supplier or build more generation capacity. The whole process will start all over again.

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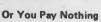
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He valued the corn fodder at \$10 per acre and the value of remaining manure in the soil at \$10, bring his net cost to \$16 per acre.

His excellent yield was 75 bushels an acre at 70 cents each for a gross income of \$52.50. Deducting his costs of \$16 an acre left a net income of \$36.50 an acre.

Another farmer from Rock Haven, Indiana, calculated his costs of producing timothy hay.

He figured his costs to be \$7.50 an acre, including \$1 for seed, 25 cents for sowing, 25 cents for rolling, \$4 for harvesting and \$2 for baling.

An acre yielded two tons of hay, which sold for \$10 a ton baled, Deducting his expenses of \$7.50 left a net income of \$12.50 an acre for his timothy.





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at no expense.

at no expense."

Expect a miracle, he says, because Arthritis can be cured! All types of arthritis. Complete and permanent cure is possible! With this method, he says, pain and swelling disappear — almost overnight! Even bone structure can be returned to normal. It's safe, easy, and ef

Expect A Miracle Of Freedom From Pain

What has this method done for Dr. Campbell's pa-He reports:

'It has not mattered whether these patients were old

It has not mattered in what part of the body they

had arthritis."

"It has not mattered whether the doctor who referred them to me said it was caused by an infection, or what type of arthritis they had."

them to me said it was caused by an infection, or what type of arthritis they had."

* It has not mattered whether they were still getting around or whether they were bedridden."

* "It has not mattered for how long they had arIhritis."

"Their arthritis was cured," he states flatly, "and yours can be, too!" There is just one exception. "I confess right here and now that I cannot help those who have had extensive gold treatments, and who have undergone blood changes because of extended drug or chemical treatment," he says.

However, while no one can guarantee relief or cure in such cases, Dr. Campbell's files are filled with case histories of people who have obtained relief even after drug therapy. In addition, he says he has achieved rapid relief and repair of spinal arthritis if caught within the first five years — after which he can offer only relief of pain and no further damage. Still a spectacular hope for any sufferer! Even the agony of weather changes can be a thing of the past!

In all other cases — for arthritis of the fingers, shoulders, hips, or knees, for osteoarthritis, rheumatoid arthritis, or any other kind of arthritis.

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"To me the case histories of cures follow the same definite pattern," says Dr. Campbell. "A 75-year-old man suffers the pain of acute rheumatoid arthritis in all joints. He is bedridden. In one week the pain is gone. In two weeks he is ambulatory. (That is, he can walk.) In three weeks his deformed fingers straighten enough to hold the steering wheel and drive the car."

Never before has a CURE been offered. Doctors could only offer partial relief. Dr. Camp-

MEET DR. CAMPBELL

Dr. Giraud W. Camp. a graduate of the Philadelphia College of Osteopathic Medicine, Class of 1931. Since then he has practiced for over 40 years in New York State. After World War II, Dr. Campbell com-menced his nutritional



menced his nutritional and laboratory research in arthritis. "For the past 15 years," he says, "I have been curing arthritis. Those that are bedridden... in the acute inflammatory state... show the most dramatic response. In from 3 to 10 days their pains cease, and repair sets in. I have over 1,000 successfully treated cases in my files." He was one of the founders of the Long Island Osteopathic Society and is a member of several leading professional groups.

bell says his method offers—not only relief—but an end to the condition: Age is no barrier . backs legs hips

legs backs hips fingers knees are healed.

'It's like being born again,'' said a 62-year-old woman patient, ''I feel like I am starting a new life.'' It happens to him It happens to her lit can happen to you whatever your age,'' says Dr.

"The Seven-Day Program To End Pain And Regain Normal Use Of Joints"

"My files are filled with cases that read like miracles," says Dr. Campbell. "A mother, bedridden for months due to arthritis, does housework again. An engineer, on crutches for a year tosses them aside . . . A grandmother, previously crippled by arthritis, discards use of her wheelchair . . . "To me as a doctor it's a trite ending. I see it every day," says Dr. Campbell. "To others it's a miracle." That miracle is the 3-part Home Cure he has perfected. "It's fast, safe, and effective. "The home arthritis cure," says Dr. Campbell, "begins to show benefits immediately."

immediately.

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The results are immediate and magnificent, he states.

The first step is Dr. Campbell's special Arthritis Cure Diet. "This diet is the main factor in the cure of arthritis." In fact, he says, "You might expect a cure without doing another blessed thing!"

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Best of all, the one outstanding feature of this method is: NO PREPARATION IS NEEDED! It's "No-Cook Cooking" all the way! All you really need is a refrigerator, knife, or blender in most cases. All foods on the Arthritis Cure Diet can be easily obtained, at no extra expense

no extra expense.

You can still eat many of your favorite foods (by actual count, there are 160 items that you can still eat . . . and you can mix nearly endless varieties) . . . you can still enjoy black eye peas, green peppers, lima beans, corn, rice, turkey, duck, fish, apples, bananas,

ASTOUNDING LETTERS FROM EX-ARTHRITIS VICTIMS RAISES ARMS IN PRAISE!

I had been in an auto accident which affected my spine and caused chronic arthritis. I couldn't raise my arms without severe pain; combing my hair was almost impossible. Doctors gave me up to 24 aspirins per day, traction, hydrotherapy, sonic ray therapy and physio-lherapy. It was at this time that I began treatment with Dr. Campbell . . . After treatment started, I felt a tremendous improvement in seven days. Within two weeks the brace was off and I felt better. I was able to raise my arms upward. It was like a miracle.—H.G.

SPINE HEALED!

I was discharged from the Army in 1945. Shortly thereafter, I began to experience pains in my lower back and the disease became steadily worse. I became back and the disease became steadily worse. I became more crippled. My spine, at this time, had practically fused solid. Pain . . . by now . . . was continuous, day and night, with no relief. At this point I heard of Dr. Graud Campbell. To my amazement within two weeks, the pain decreased at least 50%. I was able to walk better. I only wish I had come under Dr. Campbell's care . . when the disease first started. Yours truly, F.S., Roslyn, New York



Dark portions or spots of this X-ray show softening of shinbone, which actually bends
-in an advanced case of Paget's disease, deemed incurable.

Six months later—with Dr. Campbell's method —X-ray shows thickening of bone (white area). Bone is now stronger and no longer







Greater joint space provides pain-free mo-

X-RAYS SHOW POSITIVE PROOF!

. says Dr. Campbell: Look at the before-andafter X-rays shown above, and know that now, for the first time perhaps, you can enjoy an absolutely pain-free, arthritis-free tomorrow.

- "Expect a 'miracle'," says Dr. Campbell.
- "Expect your pain to start diminishing from the
- · "Expect no need for aspirin or other pain relievers in a week to ten days."
- · "Expect a continuing improvement in your joint mobility . . . X-rays will reveal progress in the restoration of damaged bone structure in three to six months."
- · "Expect a normal life without arthritic pain ..."

Is That All There Is To It?

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See for Your can enjoy absolutely pain-frec living, and an arthritis-free tomorrow, says Dr. Campbell. Now, for the first time, you can be free of heat, pain, swelling and deformity — no matter what your age, he says, because arthritis CAN and IS being CURED. "There is no need for anyone," he says, "to ever get an arthritis attack again."

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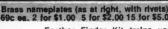


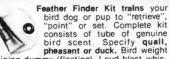
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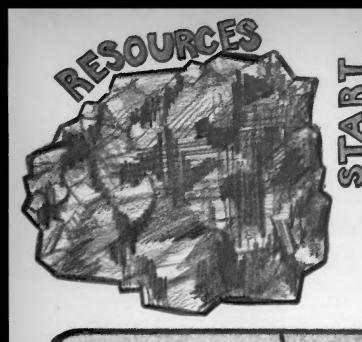


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Trans-



OPEC Nations Raise Oil Prices by 10 Percent.

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Controls Come Off Domestic Oil

Lose 1 Turn

Price of Coal Rises 400 Percent Due to Increases in **Mining Equipment** Costs, Strikes by Miners Delaying Coal Recovery and Excess Profit-Taking by Mine Owners.

Go Back One

Inadequate Rail Tran portation Slows Fue Movement

Lose 2 Turns

Consumption Increase Calls for More Capacity, New Construction Initiated

ELECTRIC COOP

Wholesale Power (fuel) Clause Added to Costs Passed onto Cooperative

> Lose 1 Turn

Mainten-

ance Re-

quired on

Investor-Owned Utilities Ask for Renegotiation of Wholesale Power Rates, 35 Percent Increase Granted

Go Back 4

Margins Approach Deficit Level Forcing Rate Increase

Requirement Must be Met With Additional Standby Reserves Cost of Maintaining Reserves Rises

Peak Load

Go Back 2

Go Back 1

Go Back 2

Graphically, in this energy game, we have tried to depict some of the factors which affect the supply of power and its price. Each one of the squares, if space would have permitted, could have been divided even further.

Few things short of war could have such a disastrous effect on our country and way of life as the absence of a

Labor Cost Rise, Stringent OSHA Line Poles, Sub-Regulations Must Be Met stations and Older Equipment

Lose 2 Turns

Margins Reach Deficit Level, Rate Increase Announced to Meet Cooperative's Financial Needs

Go Back 4

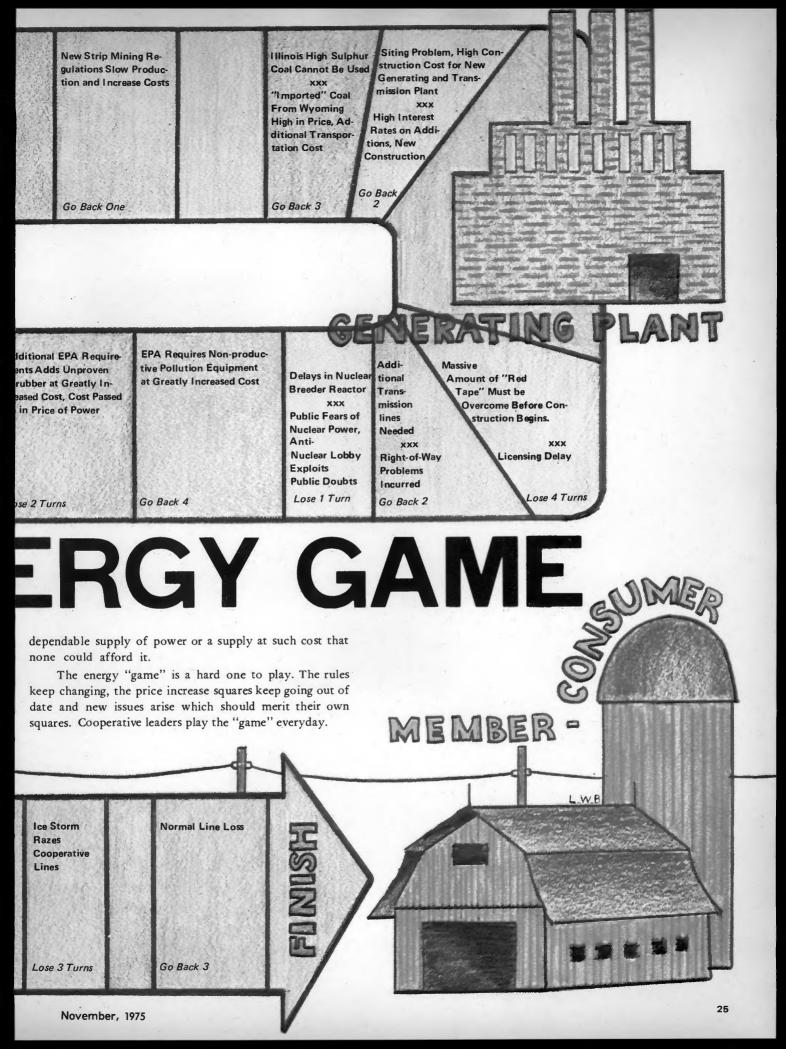
Wholesale Power Costs Passed On to Members

Lose 1 Turn

Interest Rates and Material Availability and Price Add to Construction Costs and Time Delays

Go Back 2

Go Back 1



TO ROAST TURKEY:

Remove plastic bag, remove neck and giblets from cavities, rinse turkey and pat dry. Cook neck and giblets for broth and for giblet gravy. Stuff turkey loosely with favorite stuffing, allowing 4 cup stuffing per pound of oven-ready weight. Fasten down legs by tying or tucking under skin band and skewer neck skin to back, twist akimbo under bird. Place on rack in shallow roasting pan, breast side up. Brush with butter, and if roast-meat thermometer is used, insert into the thick part of thigh.

Turkey is done when:

(a) Roast-meat thermometer registers 180-185 degrees F. (b) Thick part of drumstick feels soft when pressed with thumb and forefinger.

(c) Drumstick and thigh move easily.

Time chart for roasting stuffed turkey in preheated 325 degree oven: Because turkeys vary from one to another due to conformation, variety, etc., cooking times can be only approximate. Because of this it would be well to allow an extra half hour of roasting time in case the turkey needs that extra cooking. Check for doneness during last hour of roasting.

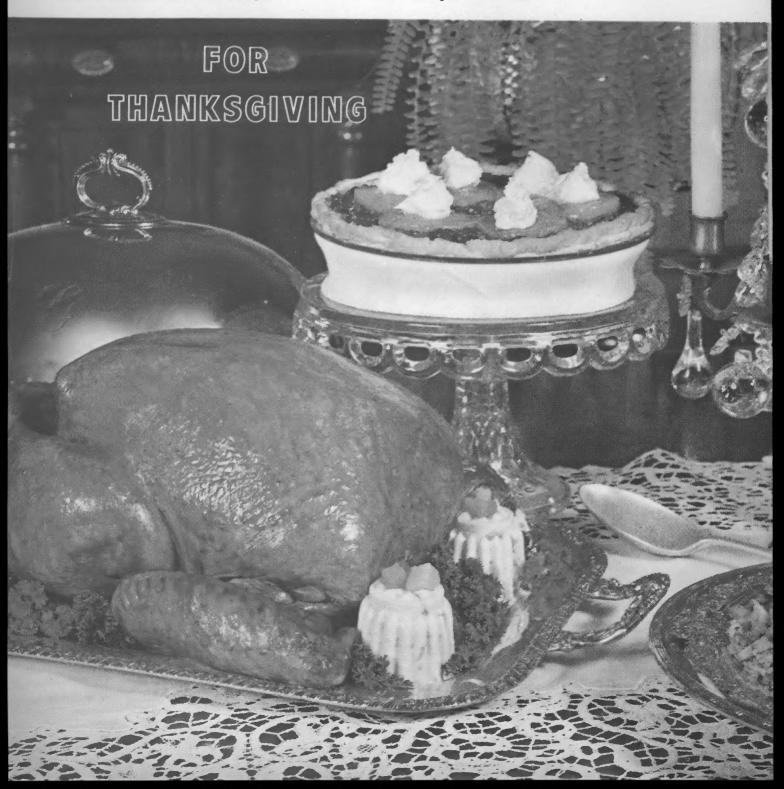
Ready-To-Cook Weight	Approximate Cooking Time
6 lbs.	3 hours
8 lbs.	3½ hours
12 lbs.	4½ hours
16 lbs.	5½ hours
20 lbs	61/4 hours

SPICY FRUIT MOLDS

1/2 teaspoon lemon rind 1 package (1 tablespoon) unflavored gelatin 1 can (29 ounce) fruit cocktail 14 cloves 1 tablespoon red cinnamon candies 2 tablespoons lemon juice

1 package (3 ounce) cream cheese

Drain fruit cocktail, reserving syrup. Combine in saucepan reserved fruit syrup, cloves, red cinnamon candies, lemon juice and rind. Bring to boil and simmer for 10 minutes. While syrup is simmering, soften gelatin in $\frac{1}{2}$ cup cold water. Add to syrup and stir until dissolved. Work warm syrup into softened cream cheese until well blended. Gently fold into softened cream cheese until well blended. Gently fold fruit cocktail into mixture. Using $\frac{1}{2}$ cup measure, fill individual molds. Serve with roast turkey. 6



HOLIDAY PEACH PIE

hopped dates

1 can (29 ounce) cling peach halves
2 tablespoons orange concentrate
1 tablespoon grated orange rind
(optional)
1 tablespoon constarch
1 jar (28 ounce) prepared mincemeat
1 baked 9 inch pie shell
Whipped cream or hard sauce
syrup. In saucepan combine ½ cup reserved peach syrup, orange concentrate and grated orange rind. Add peach halves and simmer about 10 minutes. Remove peach halves. Dissolve cornstarch in remaining reserved peach syrup and combine with hot syrup mixture. Cook, stirring constantly until thick. Stir into mincemeat and turn into baked pie shell. Arrange peach halves cut side up in mincemeat. To serve warm place in 250 degree oven 25-35 minutes. Top peaches with whipped cream or hard sauce if desired. Serves 6 to 8.

REFRIGERATOR BRAN MUFFINS

3	cups all bran cereal		eggs
1	cup boiling water	1/2	cup c
	cups buttermilk	1/2	cup c
1/2	cup shortening (1/4 cup butter, 1/4	21/2	cups !
	cup shortening)	21/2	teasp

hopped nuts flour oons baking soda 1/4 teaspoon salt

11/4 cups sugar Combine cereal with water and allow to stand 5 minutes. Add buttermilk. Cream together shortening and sugar. Add eggs. Stir in dates and nuts, mixing well. Sift together flour, soda and salt. Combine with all ingredients; stir just till blended. Place in greased muffin tins; bake at 400 degrees for 15-20 minutes. Yield: 60 muffins. Note: Batter may be stored, covered, in refrigerator for 6 weeks.

PAR-T-BUFFET SALAD

Fruit Layer:
1 can (16 ounce) cling peach slices
2 tablespoons chutney
Drain peaches. Reserve syrup.
Combine reserved syrup plus enough water to make 2 cups in saucepan with chutney and vinegar. Heat to boiling. Stir in lemon gelatin. Chill until slightly congealed. Arrange peach slices in mold. Cover with chutney mixture. Chill until congealed before adding turkey layer. Turkey Layer:

1 teaspoon curry powder 2 teaspoons salt 1½ teaspoons oil 2 envelopes unflavored gelatin 3½ cups chicken broth 2 tablespoons white vinegar 2 cups cooked turkey, cubed 1/4 cup green onion, finely sliced 1 2-ounce jar pimento, diced

Saute curry powder, salt in oil. Soften gelatin in 1 cup of the broth in a medium-size saucepan; heat, stirring constantly, just until gelatin dissolves; remove from heat. Stir in remaining 2½ cups broth. Add sauteed spices and vinegar. Chill until slightly congealed. Fold in turkey, green onion and pimento. Spoon mixture over fruit layer. Chill overnight or several hours until firm. Serves 10 to 12.

SAUSAGE-RICE CASSEROLE

1 lb. sausage 1 cup chopped onion 1 cup chopped celery 1 cup precooked rice 2 cups water

1 cup chicken and rice soup 1 pkg. Lipton's chicken noodle soup mix 1 cup water chestnuts (optional) 1 small can ripe olives (optional)

Fry sausage and drain. Remove from skillet and cook celery and onions until tender. Mix in other ingredients and pour into a casserole. Bake at 350 degrees 25-30 minutes.

CHICKEN PIE

Boil 1 fryer with 1 stick margarine. Cool. Remove chicken from bone, set aside. Cook 2 cups broth, 2 cups milk, 1 medium-chopped onion until done. Thicken broth mixture with 2 tablespoons flour. Mix chicken with broth mixture, pour into long baking dish. Make pastry for chicken pie using approximately 1½ cups flour, ½ cup shortening. Mix as usual for pie crust, adding salt and water so that dough rolls easily. Grate ½ lb. American cheese. Chop small jar pimientos and 1 small bell pepper, mix together. Sprinkle cheese mixture over rolled out pie crust. Roll crust as if for jelly roll. Slice about 34-inch thick and place on top of chicken mixture. Bake 1 hour at 350 degrees.

EGGPLANT CASSEROLE

1 large eggplant or 2 small
2 tablespoons bacon drippings
3/3 cup chopped onion
1/3 cup green pepper, chopped
1/3 cup chopped celery
2 cups tomatoes or less
3/4 teaspoon salt

Dash black pepper 2 eggs, beaten

2 teaspoons Worcestershire sauce 1 cup grated cheese 1 cup (or more) cornbread crumbs

I beef bouillon cube, dissolved

Peel and cut eggplant into cubes. Cook in salted water until tender. Drain well. Sauté onion, pepper and celery in bacon drippings until transparent. Add cooked, drained eggplant, slightly mashed. Then add other ingredients. Pour into greased casserole and bake at 350 degrees for 30 to 40 minutes. This mixture should not be too juicy; do adjust with cornbread crumbs.

SAUERKRAUT SALAD

1 large can saverkraut, rinsed and drained 1 4-oz. can pimiento, drained and chopped

cup chopped onions (sweet red) green bell pepper, diced' cup white vinegar

Combine all ingredients. Mix well. Refrigerate overnight. This salad goes well with meats or vegetables.

SWEET AND SOUR ONIONS

4 onions, sliced thin and separated into rings 1/4 cup vinegar 1/4 cup sugar 1/4 cup butter 1/4 cup water

Mix last four ingredients and pour over onions in casserole. Bake in slow oven for 1 hour or more.

YEAST BISCUITS

3 cups sifted flour
3 tablespoons sugar
1/2 teaspoon salt
Dissolve yeast in warm water, mix with dry ingredients. Add shortening and mix. Roll out 1/4" thick, cut, dip in melted butter in pan. Let rise 1 hour, bake or cover with foil, refrigerate, and let rise 11/6 hours when ready to hake. Pake at 400 degrees let rise 11/2 hours when ready to bake. Bake at 400 degrees.

OLD FASHIONED BAKED SWEET POTATOES

Wash and brush sweet potatoes with margarine or butter. Place in baking pan (unpeeled). Bake 1 hour at 375 degrees or until tender. Serve hot with butter.

YUM-YUM SALAD

34 cup grated American cheese 1/2 cup whipped cream or 1 package whipped topping 2 cups crushed pineapple 3/4 cup sugar Juice of 1 lemon

1 tablespoon (envelope) gelatin Heat pineapple, sugar and lemon juice. Dissolve gelatin in 1/4 cup cold water and add to hot pineapple. Cool, then add grated cheese and whipped cream. Mold and let set overnight in re-frigerator or until congealed. This salad calls for party crackers unless served with meal

CRANBERRY SALAD

Pkg. cherry gelatin
cup bolling water
cup sugar
tablespoon lemon juice
cup drained crushed pineapple 1 cup ground cranberries 1 orange, ground 1 cup chopped celery 1/2 cup nuts

Dissolve gelatin in hot water, add sugar and stir. Add lemon and pineapple juice, chill. Add remaining ingredients and pour into mold. Chill until set.

BANANA NUT CAKE

2 cups sugar
½ cup butter
2½ cups flour
3 eggs
Cream sugar and butter together. Add eggs, beating well. Stir soda into milk. Add alternately with bananas and flour. Add chopped nuts. Pour into greased and floured pan. Bake at 325 about 45 to 60 minutes.

APPLE CAKE

1/2 cup milk
1/4 cups all purpose flour
3 medium apples, pared and chopped
1 teaspoon soda
1 teaspoon baking powder 3/4 cup shortening 2 cups sugar 4 beaten eggs teaspoon cinnamon teaspoon allspice 1/4 teaspoon salt 1 teaspoon nutmeg

Cream shortening with sugar, add beaten eggs. Mix dry ingredients, add alternately with milk. Add chopped apples. Pour into well floured and greased pan. Bake 20 to 30 minutes at 320 degrees.

ORANGE OR LEMON CAKE

1 pkg. yellow cake mix 1 pkg. lemon or orange gelatin 1 cup boiling water 3/4 cup corn oil 4 eggs

Beat all ingredients together 2 minutes in electric mixer. Pour into greased and floured pan. Bake at 325 degrees 35 to 40 minutes.

MAGIC PUMPKIN PIE

1 unbaked pie shell
2 cups canned pumpkin
1 15-oz. can sweetened cond. milk
1 egg
1 large mixing bowl, blend together all ingredients. Turn into

pie shell. Bake at 375 degrees about 50-55 minutes or until knife inserted comes out clean. Cool, refrigerate at least 1 hour.

GRAHAM DATE NUT SQUARES

30 graham crackers 1/2 lb. marshmallows 1 cup chopped dates 1 cup chopped nuts 1 cup it. cream or evaporated milk

Roll crackers fine. Cut marshmallows in quarters, combine with crumbs, dates, and nuts. Add cream or milk and mix thoroughly. Press mixture out into 8" sq. pan, chill until firm, cut into squares and top with custard sauce or cream.

ITALIAN CREAM CAKE

teaspoon soda cup buttermilk stick butter or margarine 1/2 cup shortening 2 cups sugar 5 eggs teaspoon vanilla can cocoanut

2 cups flour

1 cup chopped nuts

Cream butter, shortening, and sugar. Add 5 egg yolks, beating well after each addition. Add flour and soda to the creamed mixture gradually with buttermilk. Stir in vanilla, cocoanut, and nuts. Fold in 5 stiffly beaten egg whites. Bake in 3 eight-inch cake pans at 350 degrees for 25 minutes.

CREAM CHEESE FROSTING

1 box powdered sugar 1 teaspoon vanilla 1 8-oz. pkg. Philadelphia Cream Cheese

1/2 stick oleo, softened Mix till smooth. Sprinkle cake top with chopped nuts.



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Add a flash of dash to the recently revived classics—shirts, vests, cardigans, coatdresses, sweaters, jackets—with a repertory of brilliant scarves. There's a great variety of sizes to choose from in shapes from squares to oblongs to wide and narrow ties. Accent the total look with jewelry—bar pins, stick pins, buckles, chunky chains, ethnic and animal jewelry.

- 1. How to tie a four-in-hand:
 - A. Fold a large square on the bias or fold an oblong neatly and narrowly.

 B. Place around neck with left end shorter than right.
 - C. Hold left end with left hand and wind right end around left two times.
 - D. Pull right end up through circle, then down through loop as shown.
 E. Still holding left end with left hand, slide knot up with right hand.
- 2. Polish off pants or shorts with a sash of a 66-inch long oblong in striped or checked twill. Fasten the side with a barbarically jeweled elephant pin.
- 3. Knot a square in a number of different ways:
 - A. Fold into a triangle and flip end over one shoulder.
 - B. Fold into triangle, knot loosely into neck of shirt.
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 - A. Tread a brilliant sari-inspired oblong through a gold or silver buckle and tie it in back.
 - B. Wear an oblong on your shoulder fastened with scarf pin.
 - C. Combine two oblong scarves in contrasting or harmonizing colors to wear at neck or around waist.
 - D. Tie an oblong into a pussycat bow.
- 5. Use an oblong to drape a stock tie or ratcatcher.
 - A. Fold a large square on bias or fold oblong narrowly.
 - B. Wrap once around neck bringing ends of equal length to the front.
 - C. Tie right end over left. Smooth out gathers. Add stick pin or flower to a pin to hold ends in place.



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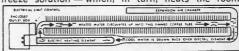
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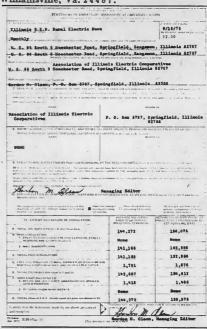
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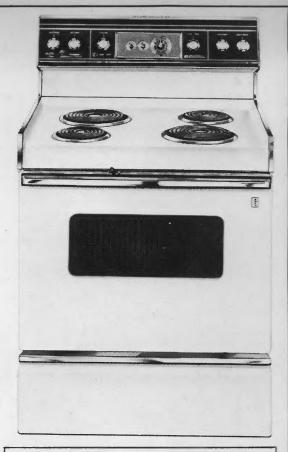
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- Entries must be postmarked by midnight, November 15th 1975
- In case of duplicate purchase dates, the winner will be determined by the earliest production model serial number. Final determination of winners will be the judgment of the Farm & Home contest panel of Farmland Industries, Inc.
- 6. All entries must be in current use and in good
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Make of Hotpoint Appliance

Type _____Years in use ____

Model Year _____ Model No. ____

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