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Illinois
R.E.N.
RURAL ELECTRIC NEWS
January, 1968

National News Notes

Monopoly in power called undesirable

New electric power peak again set

Strong action urged against rural poverty

Less crime reported in co-op housing

■ Carl Bagge of Illinois, the newest member of the Federal Power Commission, asserted recently that the nation's electric utility industry should remain diversified.

His comments, made in an address at a legal seminar sponsored by the American Public Power Association, follow a statement by a leading power company official who believes differently. Donald C. Cook, president of the American Electric Power System, had told a conference of the Federal Bar Association that the industry will undergo radical change and will consist of "12 to 15 fully integrated systems" within 25 to 50 years.

Mr. Cook had urged the end of government assistance to municipal, rural electric and even small investor-owned systems to speed up the transformation.

Mr. Bagge said the possibility of any segment of the electric industry being eliminated is inconceivable. The commissioner added that "such restructuring is neither socially desirable nor politically feasible."

■ Electric power generation in the United States, which reached a new high in July 1967, went even higher in August, the Federal Power Commission reported recently.

The new record of 118.3 billion kilowatt hours generated in August surpassed the July mark by almost four billion kwh.

To achieve that record, generating plants burned more than 23 million tons of coal, more than 12 million barrels of fuel oil and more than 308 billion cubic feet of natural gas.

As of Aug. 31, 1967, the nation's electric plants had an installed generating capacity of 261,231,000 kilowatts for a net increase of 2,852,000 kw from the previous month, the FPC report said.

■ A special presidential commission headed by Gov. Edward T. Breathitt of Kentucky reported to the President and the nation recently that the plight of the poor in rural United States is a "national disgrace."

Lack of jobs, illiteracy, malnutrition, ineffective local government, disease and other factors have turned many parts of rural America into slum areas, and the movement of millions of people to urban areas in search of something better has only worsened problems of the cities, the commission said.

The report stated: "The commission is convinced that the abolition of rural poverty in the United States, perhaps for the first time in any nation, is completely feasible. The nation has the economic resources and the technical means for doing this. What it has lacked, thus far, has been the will."

■ Cooperative housing developments breed less crime and lead to many community improvements, believes Thomas J. O'Connell, a police precinct commander in New York City.

"This is probably true because people who invest large sums of money in their dwellings take more pride in keeping up their investment and also the surrounding community," Mr. O'Connell wrote recently in a letter to Donald D. Martin, secretary of the United Housing Foundation, a federation of New York City housing cooperatives.

The policeman pointed out that juvenile complaints and arrests in his precinct averaged about 200 a year during the past five years. But, he added, only three or four violations—about two per cent of the total—came from a cooperative housing development in his precinct.

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'Electricity Powers Progress'

Given an early and just peace, great things lie ahead for this nation and this state. True, these won't come automatically, without effort, without dedication and determination. But they are within our grasp.

One thing that will make them possible is the spirit of cooperation and mutual helpfulness as exemplified by the electric cooperatives now serving nearly a half-million Illinois residents.

Of course we all know of the amazing changes electric power, provided through electric cooperatives, has made possible in Illinois' great rural areas. And of course we know also that much of this progress, but by no means all, would have come—eventually—without the cooperatives.

THERE ARE WISE and knowledgeable men, however, who are convinced it would have come only through government control of the power industry. That is the way it happened in so many western European countries. And there—when only one in ten Illinois rural homes had central station electricity in 1936—the figures were almost exactly reversed in France. More than nine out of ten rural homes had such electricity in France. In that year also, even Japan had 90 per cent rural electrification while the United States had 10. The Netherlands had 100 per cent electric service. Even Denmark had 85 per cent.

Our electric cooperative program, then, has literally made the difference in this nation, for it was in 1936 that rural people in Illinois and in most of the nation were starting their own cooperative electric systems.

BUT WHAT of the future? There's an interesting slogan making the rounds these days: "Electricity Powers Progress." It does. It will, even more so, in the future.

But if electric cooperatives are to continue to provide much of the leadership and the power needed for increasing expansion of rural areas development they must be free to operate without unreasonable restrictions.

Continued expansion of power use—in rural areas it is doubling every seven to ten years—means a matching expansion of electric facilities. This requires increasing amounts of capital.

Increasingly, and with tremendous pride, electric cooperatives are becoming able to provide substantial amounts of this capital for themselves. Some, fortunately situated, have not borrowed from their government in years. But not all are so fortunate and even those blessed with more than average financial security constantly are faced with ice storm and other emergencies that could destroy much of their costly systems. As things stand today, few if any electric cooperatives could obtain essential funds on the open market.

THEREFORE, IN 1968, electric cooperatives will be turning concentrated attention to the problem of working out a fair and equitable source of capital. This source has been the government, through Rural Electrification Administration low-cost loans that are paid back in full.

But cooperatives want to be as independent as possible from such loans. They have sought a method whereby, ultimately, they could be completely self-reliant. Such a plan failed last year to win congressional approval. Now the problem is being re-studied. We hope that in 1968 substantial progress can be made toward this reasonable and vitally important goal of ultimate self-sufficiency.

There are other problems facing our cooperatives. Most of these can be solved without legislation. Hard work, common sense, initiative—and courage to meet these problems—will do the trick.

And as Illinois' electric cooperative member-owners enter the new year they do so with confidence and determination that it will be the best year ever for them—and for their state and nation.

Cooperative

By John F. Temple

Last spring it was a wheat field. Today it is the site of Kaskaskia College, the educational "home" of 1,075 students. Its president, tall, quiet-spoken Dr. Eugene McClintock, says half of them probably would not be in college at all if it were not for this new institution.

The junior college, just west of Centralia, is served by Clinton County Electric Cooperative, Inc., of Breese. Joseph H. Heimann, cooperative manager, is president of the college board of trustees.

"We're all especially proud of this school," Mr. Heimann said in a recent interview. "It seems that just about everyone helped in its creation. It's truly a community project, and its influence for good will be increasingly felt in coming years."

EXCITING THINGS are happening on the school's 190-acre campus. Skilled workmen have quickly constructed eight "temporary" buildings arranged in two quadrangles.

They're designed for use until the college's major building plan can be completed, probably within six to eight years. The temporary buildings, however, are spacious and attractive and some may be in use for as much as ten years.

Lively, vivacious students, excited to be a part of this new educational adventure, move quickly about the campus. Within five years the enrollment may well be 2,500.

An estimated 3,000 or more area residents attended a recent open house at the campus, walking through classrooms, talking with students, faculty and staff members—and speculating on changes the college surely will bring to the territory it serves.

KASKASKIA COLLEGE was the first Class I college district to be organized under the Illinois Public Junior College Act, a part of the Master Plan for Higher Education in Illinois which became effective July 1, 1965.

The college got off to a flying start in part because it absorbed the old Centralia Junior College which long had been an important educational institution in the area. Its faculty, library and program formed the foundation for the new college



Painting of Dr. Eugene McClintock, president of Kaskaskia College was unveiled at recent open house. Glendon Hodson is the artist. With Dr. McClintock is Joseph Heimann, president of the college board.



Students Judy Hunter, left, and Kevin Hatfield, along with Kevin's mother, agree Kaskaskia already meets a great community need, is doing a splendid job.

Typical of ambitious Kaskaskia College students are, from left, Karen Nolen, Burrell Spieth and Sue Hassebrock.



Helps to Establish Junior College

which already has been accredited by the North Central Association of Colleges and Secondary Schools.

The college district has a population of some 80,000 and an assessed valuation of \$260,000,000. These are expected to increase soon to 100,000 persons and \$300,000,000.

LISTEN to Dr. McClintock:

"We're tremendously pleased that the people of this area saw fit to be the first to participate in what is considered to be one of the outstanding state systems of higher education in the entire United States.

"We expect to get started next spring on initial construction of our permanent buildings. I believe this college provides the greatest educational opportunity for the people of our rural areas, that it is the greatest single program that has come into being in the territory. I believe its deep influence for good will be immeasurable.

"Its influence will be cumulative. As a result of the college being here, the whole area will grow and the college in turn will grow."

COLLEGE BOARD directors such as Dale Wade of Breese, Hershel Kasten of near Hoyleton, and others, hope that nearby areas not a part of the Kaskaskia College district or any other junior college district will, upon more reflection, take steps to join forces with the young college.

By combining their resources, such directors point out, the college can provide the best possible educational opportunities at the lowest possible cost.

Educational opportunities? There already are many on the college campus, and the program is expanding. Special attention will be given to vocational training so that young people may be prepared for good-paying jobs in industry and business.

"Certainly we're taking into account the needs of employers in the area we serve," Dr. McClintock told a reporter recently. "But there are other factors to be considered. One is that our young people in many cases will move to other areas where they will seek employment in data processing and a great number of fields that require special training. We must tailor our program to meet these needs.

Purely academic subjects are not

being neglected. Many students plan to complete their first two years of college at Kaskaskia, then move on to other schools for their last two years of undergraduate work. An increasing number will take post graduate work also.

WHAT ARE the attitudes of the students on the campus today?

Pretty Karen Nolen of Centralia, a sophomore, said: "It's great. There's a tremendous spirit here. I plan to go to Southern Illinois University next fall and major in art. I should be well prepared when I leave Kaskaskia."

Sue Hassebrook of Okawville, a sophomore: "I really love this

more: "I'll go from here to SIU. Kaskaskia is a fine school. I can get all my preliminary requirements here and then concentrate on my major at SIU."

"You can be sure that the students here are interested in learning. They work hard. They have to put in a full day's work. There are not too many students in each class so the students get more individual attention.

"Did you know the buildings here are all heated electrically by power from Clinton County Electric Cooperative? And already more businesses are springing up around the campus."

And do you know who may be



Among recent open house visitors were, from left, Menard B. Luebbers Jr., Burl Quick, Mrs. Quick, Mrs. Luebbers, and Dale Wade. Mr. Wade is on the college board. Mr. Luebbers and Mr. Quick are directors of Clinton County Electric Cooperative which provides the college with electricity.

school. We all do. I'm studying business education and next year I'll go to SIU at Carbondale for more business training. The college has really helped a lot of kids because it's near to home and they can afford it. It gives them a new chance."

John Schulte, Carlyle, a sopho-

the proudest people of all when Kaskaskia College is mentioned? Right. Joseph H. Heimann and other members of the board of trustees—Verle Besant of Centralia, Mrs. Thelma Bailey of Salem, Elmer Schrage of Aviston and Clinton Wedekemper of Carlyle, plus Mr. Wade and Mr. Kasten.

Consumers Join Forces In Illinois And in Nation



Federation officers from left: Thomas H. Moore, secretary; Jerry Voorhis, president, and James S. Erickson, treasurer. Robert Gibson, vice president, could not be present for picture.

Charles R. Cavagnaro addresses federation. With him are Mrs. Helga Nisbet, Illinois director, Communications Workers of America, and Mr. Moore.

Illinois electric cooperative representatives are among those taking leading roles in a new consumers' movement described by one insurance executive as "the first stirrings of a long term social revolution that will profoundly change marketing in all its aspects."

The executive, E. B. Weiss of New York, cautioned the business and industrial community that what they are witnessing is not a passing disturbance of traditional ways of doing business.

"The current consumerism furor must not be viewed as simply an irritant—especially not as a temporary irritant," he said.

And this was the conviction of more than 200 persons attending the recent founding convention of the Illinois Federation of Consumers at the Chicago Medical Center Campus of the University of Illinois.

FEDERATION DIRECTORS elected Jerry Voorhis, former Cooperative League executive director, as its first president.

They elected Robert Gibson, secretary-treasurer, Illinois State AFL-CIO, vice president, Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives, secretary, and James Erickson, director of organization, Illinois Farmers Union, treasurer.

Eighteen directors and 18 alternate directors were elected by delegates. Charles W. Witt, manager, M.J.M. Electric Cooperative, Inc., and Mr. Moore were among the directors. Albert J. Cross, AIEC director, legal and public affairs department, was named an alternate director.

Mr. Moore said recently that the new consumer protection movement is gaining strength, momentum and influence with each passing month, in Illinois and throughout the nation. It will become an important force to be reckoned with.

Electric cooperatives, he said, are having an influential and effective voice in the movement. They are thus protecting not only their own interests but, indeed, the interests of all consumers. And in this sphere the cooperatives are working closely with many other groups—farm, business, and labor, for example—to augment and multiply their effectiveness and member services.

There is a strong feeling among electric cooperative members that they must cooperate with other groups seeking similar goals. This, many members say, is common sense. It becomes increasingly important as the effectiveness of the traditional "farm block" is diluted.

In addition to formal program presentations by Mr. Moore, Mr. Cross and Mr. Witt, Dean L. Searls, manager of Adams Electrical Cooperative at Camp Point, and Jerry L. Campbell, AIEC administrative assistant, had special places on the program. Several other electric cooperative representatives attended the two-day meeting.

STANLEY ROSEN, University of Illinois professor who served as conference chairman, said of the new federation:

"We invite the participation of any and all individuals and organizations devoted to consumer protection and interests, in strengthening the laws that Illinois and its cities and towns now have on the books to protect consumers."

CHARLES R. CAVAGNARO of Washington, a member of President Johnson's special Committee on Consumer Interests, lauded goals of the Illinois federation.

"It is because of groups such as yours and those in other states that we have great hope that the day draws closer when the consumer will be able to function fully and intelligently in the economy. It is a curious fact that almost everyone recognizes the great importance of the consumer in our economy, except the consumer himself."

Mr. Cavagnaro continued:

"With the official launching of your federation on this day you become the 25th state-level consumer group to organize. . . . Across the nation there are, in fact, 36 consumer organizations on a state and local level, giving consumers representations of some type in 27 different states."

Mr. Cavagnaro listed numerous national administration efforts to strengthen the position of consumers. He urged strong consumer support of consumer legislation.

"You are joining forces with other organized consumers in other



states," he said. "You are in the forefront of a ground swell of conscience in support of the rights of the consumer. And you are being joined by enlightened leaders in business who will recognize this change in tempo."

ANOTHER PRINCIPAL speaker in Chicago was Jacob Clayman, chairman of the National Consumer Assembly and administrative director of the Industrial Union Department, AFL-CIO. He said:

"I believe that the American public is ready to assert itself, ready to smite down those who take unfair advantage, ready to call upon government at every level to more ade-



Prof. William Lomasney of the University of Illinois. He was one of the leaders in organization of the Illinois Federation of Consumers.

quately and aggressively protect the great mass of consumers.

"I believe that we are on the edge of an extraordinary breakthrough. Over the entire country, groups like yours are in the process of being formed.

"The consumer is ready to have the Consumer Federation of America and the Illinois Federation of Consumers fill the great vacuum in consumer education and action which has existed for too long a period of American History."

MR. CLAYMAN said that the real question facing consumers is a simple one, though the answer is more complex, namely: how can the great majority of consumers

who have the power to change the order of things assert its rightful primacy—achieve fair play in the marketplace, inspire a new marketplace ethic and restore confidence in the day-to-day relationship between producer, manufacturer processor, retailer, financier and the consumer?

"To my mind," Mr. Clayman said, "the effective answer is consumer organization—the answer is what you are doing here: formulating the Illinois Federation of Consumers.

"The answer is the development of state and local consumer organizations in every state and community in the country. The answer is in the building and enlarging of the Consumer Federation of America on the national level."

Readers interested in joining the Illinois Federation of Consumers may send \$5 for a family membership (voting) to the Illinois Federation of Consumers, 53 W. Jackson Blvd., Chicago, Illinois, 60604. Be sure to include your name, address and zip code.

Mr. Erickson, federation treasurer, said that by joining, individuals become a part of the consumer movement in Illinois. They thus have a strong voice in the federation program. They share in the strength of an organization working through legislative and educational channels to improve the position of all consumers in the marketplace.



During planning session, from left: Jerry L. Campbell of AIEC; Abner J. Mikva, Chicago attorney and a federation leader; Charles W. Witt of M.J.M. Electric Cooperative and Albert J. Cross of the AIEC staff.



Jacob C. Clayman, delivers major address.

Organization session: From left: Mr. Cross, Stanley Rosen of the University of Illinois; Alvin F. Friedman, vice president, Amalgamated Trust & Savings Bank, Chicago; Father Robert Reicher, chaplain, Catholic Council on Working Life, Chicago; Mr. Voorhis and Mr. Mikva.



WBBA-AM-FM

And the Man Who Makes It Go

By Charles E. Albright

A quick, broad smile greeted the question.

"Yes, I was a banker for 45 years and now I'm in the broadcasting business," was his answer. "It's not related work I guess, but I'd had the serious side of life too long. Anyway my doctor had advised me to quit the banking business."

G. B. MEYER spoke candidly about his health. "I've had a heart attack and a stroke. So, I go in for a checkup once a month now. The doctor says, 'Meyer, you're doing fine!'"

He paused, smiled again and added: "Doc wants me to rest whenever I get tired. I asked him, 'How do I know when that is?'"

"Yes, I've always had a quick smile. I was known as the fastest banker around. It didn't take people long to find out how they stood with me."

THE MANY LONG years spent in deliberations and decisions about banks, stockholders and their investments and the needs of his customers were strenuous ones for Mr. Meyer. Yet, nearing 70 years old, he has retained an enthusiasm and zest for living that belies his age.

"I first invested in radio some 13 years ago because I saw how much good it does for a community," said the president and station manager of WBBA-AM-FM. "I'm working

fulltime at it now in hopes that I can add to its public service."

During a tour of his facilities, Mr. Meyer called attention to key items of equipment. Transmitting components have cost several thousand dollars each, he said, adding that he has approximately a quarter of a million dollars invested in the radio station.

"ILLINOIS RURAL (Electric Co. with headquarters in Winchester) has quite an investment in my service, too," he said pointing to a special voltage regulator which guards against the slightest fluctuation in voltage so that there will be no drift in transmitted radio frequency.

"My home (just a few hundred feet from the radio station) also is served by the cooperative," Mr. Meyer continued. "The only bad thing I could possibly say about my electric service is that storms occasionally cause an interruption. But that's understandable, and besides they've been good to get power back on as quickly as possible."

The service areas of both Illinois Rural Electric Co. and WBBA nearly coincide. The signal of WBBA-AM regularly reaches into Pike, Adams, Brown, Cass, Morgan, Scott, Greene and Calhoun counties. Macoupin and Jersey are added to the list of counties served by the cooperative. The radio station's signal also crosses the Mississippi River, going as far as Bowling Green, Mo., which incidentally is Mr. Meyer's home town.

Transmitting with 250 watts power on 1580 kilocycles, WBBA-AM reaches a possible audience of some 200,000 persons. Its FM sister station with 3,000 watts transmission power on 97.7 megacycles extends to an additional 100,000 persons in its primary signal area of 7,450 square miles.

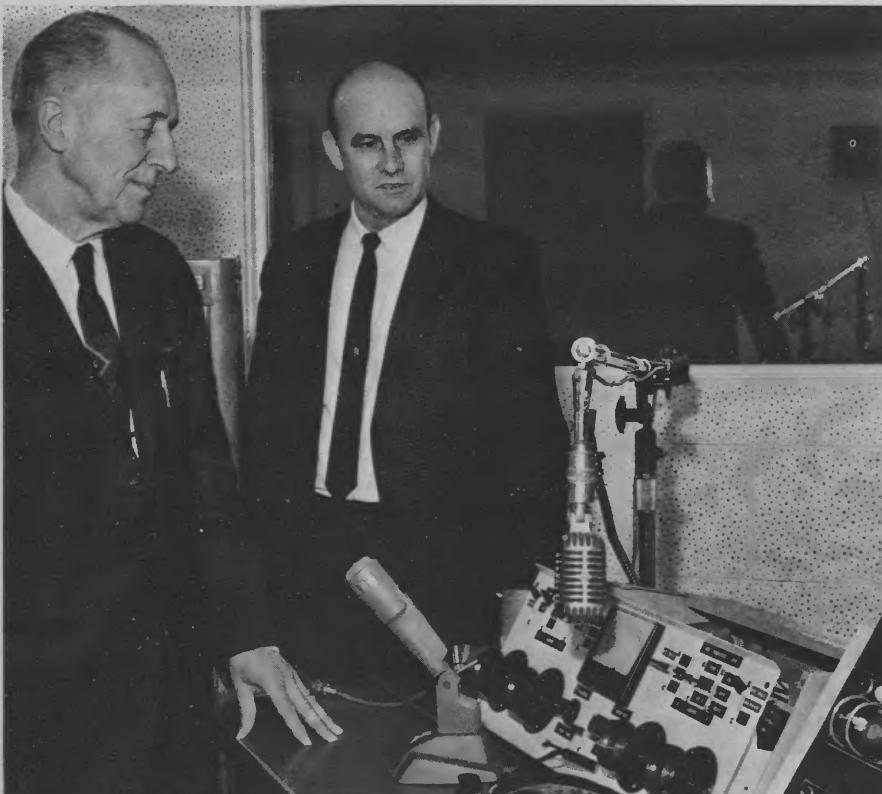
THE AM STATION is licensed by the Federal Communications Commission to broadcast during daylight hours only, while the FM station has been on the air from 6 a.m. until 10 p.m., seven days a week since it began broadcasting in August 1966.

"It's been interesting," Mr. Meyer said in recalling advances made by his station. "Broadcasting in one way is like the banking business. Each has its advantages and drawbacks. But I'm glad I made the change."



G. B. Meyer explains why he moved from banking to radio.

Mr. Meyer shows one of his four broadcasting studios to George Lindsey, member service manager for Illinois Rural Electric Co. which serves the attractive, year-old brick building. The radio station's broadcasting and transmitting facilities are a mile south of Pittsfield.



Congress Studying Electric Power Blackouts

It seems that almost everyone is disappointed—if their feelings aren't stronger—when a power failure interrupts their electric service.

Even the briefest interruption can be disconcerting for so much of our daily living and working habits and needs are directly involved with electric power. It's more than an inconvenience when power is off for an extended period as routine activities in most homes and businesses will grind to a stop without electricity.

This was pointed out dramatically in November 1965 when cascading power failures paralyzed New York City and much of the Northeast. In following months, millions more people felt the crippling effects of electric service interruptions caused by equipment failures in other major blackouts across the country.

THESE BLACKOUTS have received a great deal of publicity, with the cries of protest carrying all the way to the halls of Congress. As a result, various bills seeking to improve the reliability of electric service have been introduced.

This proposed legislation deals basically with massive power failures, the kind caused when an equipment breakdown spreads malfunctions along an extensive network of electric facilities.

The proposed Electric Power Reliability Act of 1967 introduced in both houses of Congress with bipartisan support would provide that all bulk power suppliers—private, cooperative, public and federal—be subject to Federal Power Commission regulation over certain of their generation and transmission projects. The act also would establish regional planning organizations which would plan power pooling arrangements.

THE NATIONAL Rural Electric Cooperative Association—the spokesman for the nation's and Illinois' electric cooperatives in matters before Congress—has urged that all segments of the electric industry have fair representation on the regional planning councils.

Before Congress recessed for the holidays, Sen. Edward M. Kennedy appeared before the Interstate and Foreign Commerce Subcommittee. He noted that the Administration-backed Electric Power Reliability

Act and similar legislation has been strongly criticized by some commercial utility executives who contend that power companies should be left alone to work out their own voluntary interconnections to improve service reliability.

"**I REJECT** the argument that voluntary agreements offer the brightest hope for increased reliability," Sen. Kennedy told the subcommittee. "To be sure, if voluntary agreements were the pattern in the industry, or if they had a proven record of success, then I might have a different viewpoint."

Sen. Kennedy urged speedy approval of the legislation, saying: "When we find a situation in which public utilities could be made more effective, or when the public interest could be better protected, then I think we have an obligation to act firmly and without delay. We have such a situation before us, I think, in the matters on which this bill focuses."

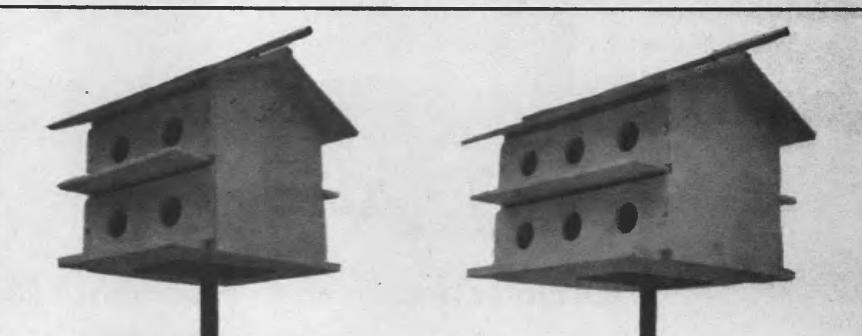
Lee C. White, chairman of the

Federal Power Commission, also gave testimony on the proposed legislation. He stressed that it is not an attempt to dictate the power industry from Washington, D.C.

"**WE BELIEVE** it is a bill that would foster cooperation among all utilities as a basic technique of assuring high standards of reliability with efficiency and economy, consistent with conservation of our environment and natural resources," Mr. White said.

"We have built on the existing mechanisms of the industry and respected its pluralistic character. We have tried to insure that the initiative for planning and building will come from utility managers themselves, not from a centralized Washington agency.

"We believe it is a bill strong enough to get the job done, but acting through evolution from established techniques rather than by radical restructuring of the industry."



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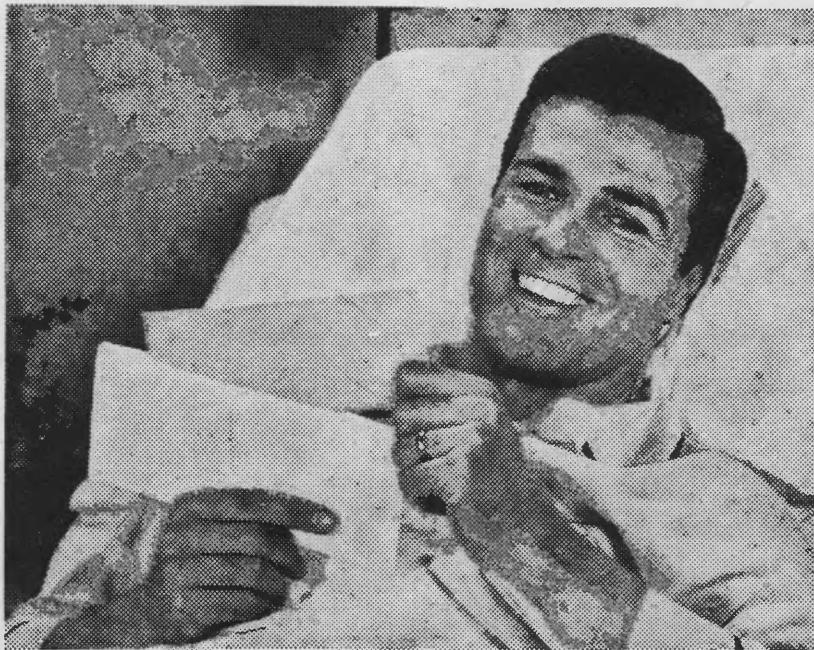
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Man and Wife 65 to 75	8.30	91.30
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Date of Birth	Month	Day	Year	Age			
LIST NAME AND ALL REQUESTED INFORMATION FOR OTHER PERSONS TO BE INSURED							
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Arthritis, hernia, venereal disease, apoplexy? YES NO

Epilepsy, mental disorder, cancer, diabetes? YES NO

Tuberculosis, paralysis, prostate trouble? YES NO

Mail this application with 25¢ right away to:

Heart trouble, eye cataract, disease of female organs, sciatica? If "yes" explain fully. YES NO

Have you or any other Family Member listed above had medical or surgical care or advice during the past two years? If "yes" explain fully. YES NO

I certify that, to the best of my knowledge, I and all Family Members listed above are in sound condition mentally and physically and free from impairment except:

Date _____
Applicant's Signature _____
X _____
First Name _____ Middle Initial _____ Last Name _____

News From Norris Electric

NEWTON, ILLINOIS

Office hours: 8 a.m. to 5 p.m., Monday through Friday. Closed on Saturday. Telephone 404—Newton.
To report an outage after Office Hours call Mrs. Wilma Bever, Newton; Joe Ware, John Tabb, or Gene French, at Newton; Francis Smith at Claremont, or Cloyce Johnson at Lawrenceville.

After going through a Sunday of watching football till I was sick and tired of it and wishing the game had never been invented, I got to wondering about some of the things that people do. There's about 900 million, billion items in the human spirit that I can't possibly understand nor come up with any explanation of why they do it.

But one of the things that I do know that people do is call up when their current goes off and in no un-

certain terms let you know about it. Now this is the way it should be. Cause number one—that's what we're in business for: to keep current on the line. Looking at a recent report of our maintenance superintendent, I thought it might interest you

to know some of the causes that can affect the electricity on your line.

During last November our total outages were 50. Let's look at some of the various reasons that can happen to knock you out of current. I will give the line number so that you can check it out if you want to on any particular time during the month and see what caused it.

The main one that we had was our Mason substation which was off because CIPS's lines were off. Now CIPS is just as vulnerable for outages as we are and they try, just as fast as humanly possible, to get current back on the line cause they don't like to be yelled at either.

There's one big difference between their outages and ours. When their transmission lines are off—and in this case I think some nitwit had shot off a string of insulators that caused it to flash over—our whole system can be affected. This means that everybody being fed from a substation will be out of current.

Down on KK-5 the "B-phase" line was out because somebody cut a tree down over the line. On LS pole 55 somebody else cut a tree down on our line and knocked the



Damon Williams
Manager

phases down in the river. Now this put out hundreds of people and I'm quite sure that neither one of these parties did this deliberately, but it's just one of those things that you can expect to happen, and it does.

We also had a pretty good hunting month due to the fact that we killed eight species of wild life. On DE we had a squirrel; on HN-4-11 we got a squirrel; on HN-4-10B we got a squirrel; on ZD-16-2-2 we got a squirrel; we nailed another one on B-3 pole 94; on HN-6 pole 9 another one met his master and on P-4 (this is the line just north of Effingham) we had a whole phase burned down. Of all things—a big cat had climbed to the top of a pole. On C-11 pole 48 we had another service off because a bird had got between the transformer and a fuse and knocked the whole line out.

We also had lightning during the month (by the way we all had enough rain that we got sick of it) which affected a great number of lines. We also had six outages caused by the load being tripped off due to consumers adding grain bins without notifying us. This overloaded the transformer and Ker-wham—out she went! By the way, a lot of times this can take the whole line out.

Add these all together and you come up with some of the various reasons that can cause your service to be knocked out. These are some of the things that happen each and every month. You add these normal procedures like the squirrels, cats, poles, people cutting trees down over the line, etc., and then throw in two tractors and a cornpicker to lam into corner poles on L-42 and R-7 and you have big troubles.

Oh—by the way—I forgot to mention we had 11 outages caused by knuckle-headed hunters who got disgusted with not finding any game and took it out on that little brown insulator. This showed up in the heavy rains that we've been having and they knocked lines out all over the system.

So, the next time your current goes out you can bet your bottom dollar it was probably one of these causes, but you never can tell. Outages are caused by the dangdest things and you never know what's going to take the current off the line.

Long-Range Rural Electric Study Underway

A long, careful look at the nation's rural electrification program and how cooperatives should respond to the future is being given by a special committee of 26 rural electric leaders.

The committee, after holding meetings with local cooperative officials all across the country, will make reports to the membership of the National Rural Electric Cooperative Association starting at that organization's annual meeting in Dallas, Tex., next month.

COMMITTEE CHAIRMAN J. K. Smith of Kentucky pointed out that the committee has three basic jobs:

1. To develop recommendations on alternative methods of satisfying the long-range financial needs of rural electric systems, both distribution and power supply.

2. To take a comprehensive, fresh look at objectives of rural electric cooperatives at a time of unprecedented change in the nation and the world.

3. To implement necessary changes in the program with support and assistance of rural electric cooperative members, the general public and Congress, particularly if the proposed changes require Congressional action. This would come through recommendations subject to approval by NRECA's membership.

Mr. Smith has stressed that the committee has "no preconceived answers" to any problem. Its function, he said, is to study all issues, consult with those who can contribute information and suggestions and then make recommendations on future courses of action.

ROBERT D. PARTRIDGE, acting general manager of the NRECA, in an appearance at the committee's initial meeting in Washington, D. C., last November, noted that today's and tomorrow's problems have been brought into sharp focus by unsuccessful attempts to have Congress pass supplemental financing legislation.

Mr. Partridge pointed out that rural electrification has many outstanding leaders whose experience and dedication will be used to strengthen the program.

Co-op, Private Power Growth Compared

What's in the future for Illinois' 27 electric distribution cooperatives and the nation's other 1,000 rural electric systems?

That matter has been receiving much attention all across the country and in Congress too, particularly because of the pressing financial needs caused by the anticipated growth in the use of electricity.

Historians point to trends of the past as one indicator of what can be expected to occur in the future. Using the ten years from 1955 to 1965, an economist on the staff of the National Rural Electric Cooperative Association has plotted several graphs which reveal interesting

facts about the nation's electric cooperatives and the part they play in the utility industry.

RONNIE J. STRAW, the economist, reported that his comparison of the growth of cooperatives and privately owned electric companies is based on averages, and he noted that individual systems could differ remarkably.

His statistics, as reported in the December issue of *Rural Electrification* magazine, reveal:

1. Although both segments of the industry recorded impressive increases, the electric cooperatives had bigger percentage gains in kilowatt hour sales, operating revenue and the number of people served.
2. The commercial utilities increased their plant investment faster than did the smaller cooperatives.
3. Although the cost of coopera-

year, or about \$43 million for each of the ten years covered in the study. Revenue for the commercial companies went up 6.4 per cent or \$620 million a year. The total revenue for cooperatives in 1965 was \$847 million, compared to the \$13.4 billion received by the commercial utilities.

THE NUMBER of people served by cooperatives increased at an annual rate of 2.7 per cent, compared to the 2.1 per cent recorded by the utilities. Cooperatives added 129,000 new consumers a year, reaching the 1965 total of 5.5 million. Commercial companies added 978,000 a year, reaching a 1965 total of 51.2 million.

Investment in new plant facilities by the larger utilities came at a rate of 7.0 per cent a year, with an increase from \$30.3 billion in 1955 to \$59.7 billion in 1965. Cooperatives increased their plant investment at a rate of 6.4 per cent from \$2.7 billion to \$5.0 billion.

Price of electricity for coopera-

Electric Car Backers Gain New Support

Advances in research and testing of electric automobiles as reported in recent announcements indicate an increasing activity in their manufacture and possible widespread use.

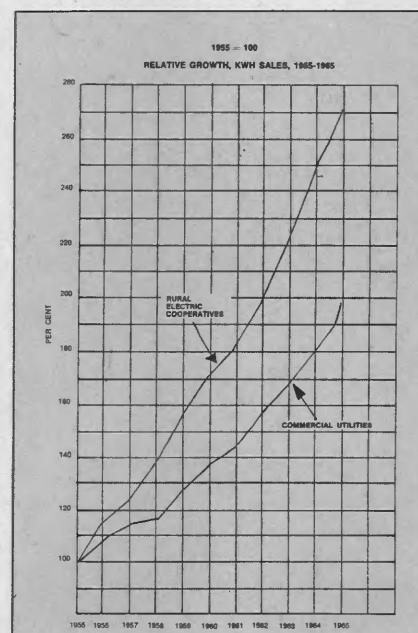
One of the chief reasons some backers support the electric car is the appreciable effect it would have in reducing air pollution, a growing problem particularly in large metropolitan areas.

Now, a special government sponsored panel on air pollution has called for a \$60 million, five-year program to support private research that could speed the manufacture and delivery of electric cars.

THIS WAS one of 15 recommendations by the Panel on Electrically Powered Vehicles to nine sponsoring federal agencies and departments. The panel includes representatives of automobile manufacturers, battery companies and power suppliers.

The proposed research financing would be used in the development of energy sources for electric vehicles, auto propulsion systems, special purpose urban cars and general purpose vehicles.

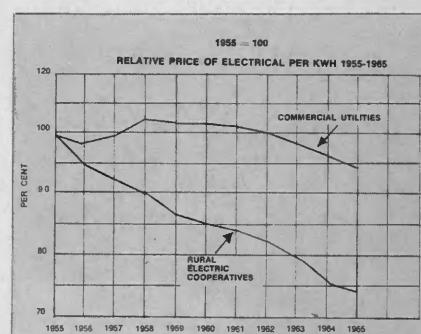
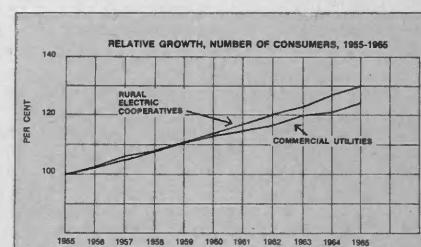
Recent announcements indicate that electric cars still are limited in speed and range.



tive power remains higher, the rural electrics made a much bigger reduction in the price per kilowatt hour.

TOTAL KILOWATT hour sales for the cooperatives increased from 16 billion to 43 billion, or 171 per cent, from 1955 to 1965. Kwh sales for the commercial utilities went from 432 billion to 854 billion, or a 98 per cent increase.

Operating revenue for the cooperatives increased 7.4 per cent a



tive members dropped from 2.67 cents per kwh in 1955 to 1.99 cents in 1965, a decrease of more than 25 per cent. Customers of the privately owned companies paid 1.57 cents per kwh in 1965, a six per cent decline from the 1955 price of 1.67 cents.

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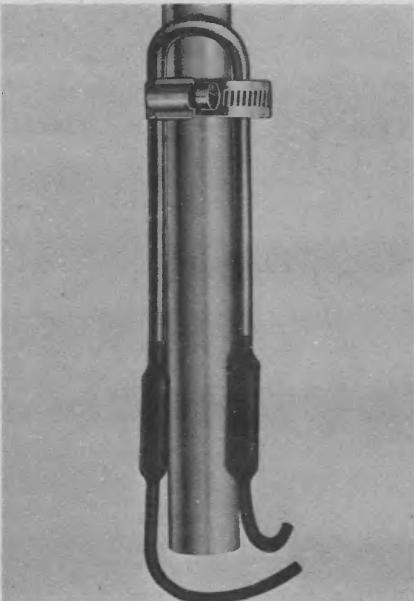
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Springfield, Ill.

What's New?



'Outercom' Door Sentry

The "Outercom" door sentry offered by the Builder Products Division of Emerson Electric Co., 8100 Florissant, St. Louis, 63136, is a practical, two-station communication system for homes and apartments. The all-transistor "Outercom" permits you to answer the door in complete privacy, while adding an attractive custom touch to your home. The system is offered in models for new homes and apartments or for updating existing residences. When installed in an existing home, the surface mounted outdoor station replaces the entry chime button and conveniently connects with the chime wiring. Estimated retail price for the two models is \$31 and \$26.25.



Pipeline Heater

Spotty pipeline freeze-ups can be eliminated with a heater available from Ritchie Mfg. Co., Conrad, Iowa, 50621. Called the No. 70 hot rod pipeline heater, the unit provides 70 watts of safe heat, concentrated at the trouble spot. Rust proof and weather proof, it can be used on any exposed three-quarter or inch metal pipe. It also can be wired into a thermostat controlled circuit.



Timer Control

A car engine heater timer control with built-in safety and cold weather features has been introduced by Paragon Electric Co., Two Rivers, Wis., 54241. The timer makes most engine heaters fully automatic by turning on the heater to preheat your car's engine, assuring you of cold weather starts. The company says the timer has been field tested and now is being marketed nationally.

Get Ready for That New Electric Range!

At least 14 Illinois electric cooperatives are joining hundreds of others throughout the nation in what has been described as one of the most attractive promotional programs in the electric cooperative history.

The program is designed to encourage even more widespread enjoyment of electric convenience, economy and reliability.

Not all cooperatives in Illinois or elsewhere will participate in the 1968 program. Some have their own incentive programs. Others have not found it practical to gear their long-range programs to the state and national promotions at this particular time. They may join individual programs in the future.

THE 1968 PROGRAM is divided into three parts. The first takes place during February and March. It features distribution of electric ranges.

During this period any member of a participating cooperative who purchases a new electric range and has it installed on the cooperative's lines will receive free a nine-piece set of West Bend Teflon cookware.

Lyle E. Dunham, director of member services for the Association of Illinois Electric Cooperatives, said the set consists of a skillet, a "dutch" oven and three utility-size sauce pans. The lids are chocolate toned.

"This set has received the National Design Center's design award for excellence," Mr. Dunham said. "With the new fired-on Teflon, the housewife may use metal spatulas and spoons for stirring without damage to the coating. The beautiful set is especially designed for electric range cooking."

The suggested retail price of the cookware set is \$28.95, Mr. Dunham said. He continued:

"All a member need do to receive his set is to take or send his sales receipt for a new electric range to the headquarters of his participating cooperative. He can buy the range from any dealer."

"As soon as a cooperative employee verifies the installation on the cooperative's lines the new cookware set becomes immediately available—without cost."

THESE ARE the Illinois electric cooperatives participating in this electric range promotion:

Coles-Moultrie Electric Cooperative, Mattoon.
Corn Belt Electric Cooperative, Bloomington.
Eastern Illinois Power Cooperative, Paxton.
Egyptian Electric Cooperative Association, Steeleville.
Farmers Mutual Electric Company, Geneseo.
Illinois Rural Electric Co., Winchester.
M.J.M. Electric Cooperative, Carlinville.
Menard Electric Cooperative, Petersburg.
Monroe County Electric Cooperative, Waterloo.
Rural Electric Convenience Cooperative Co., Auburn.
Shelby Electric Cooperative, Shelbyville.
Southwestern Electric Cooperative, Greenville.
Wayne-White Counties Electric Cooperative, Fairfield.
Western Illinois Electrical Coop., Carthage.

There will be two additional promotions during 1968, each coordinated through the Association of Illinois Electric Cooperatives and the National Rural Electric Cooperative Association. One, in April, involves air conditioning. The other, in October, features electric clothes dryers.



Lyle E. Dunham, director, member services, with some of the thousands of pots and pans to be presented cooperative members during the February and March electric range promotion.

Smile awhile

COMING UNGLUED

A crusty old sailor took out a visitor for a row in his boat. The unwieldy landsman fell overboard. The ancient mariner grabbed him by the hair, but his wig came off, and he sank. Rising again, he called, "Save me! Save me!" And this time the old salt caught him by the arm, but it was an artificial one, and came off. For the third time the man rose and screamed for help. The old sailor seized him by his clothes and said, "How can I save you if you won't stick together?"

OLD DIAL

A telephone operator was a bit startled when a little boy called in and asked her to dial a local number for him. She asked if he couldn't dial the number himself. "No," said the little boy, "my dial's full of holes."

SHORT STORY

She heard some noises, and with dread,
She saw a man beneath her bed.
But it was just her husband, who,
It seems had heard the noises, too.

NO IRONER

The young bride had sad news for her husband when he returned from his day's work. "I feel terrible," she said with a sob. "I was pressing your best suit and burned a hole in the trousers."

"Don't worry about it," said the husband. "I have another pair of pants to that suit."

"Yes, I know," was the reply, "and it's lucky that you have. I used them to patch the hole."

NICE READING

A woman on a television audience-participation show was asked the name of her favorite author. "Why, my husband," she replied. "Your husband?" questioned the interviewer. "What does he write?"

The woman smiled brightly, then answered, "Checks."

INCONSIDERATE OFFICERS

An elderly lady zoomed past a state trooper who was cruising along at nominal speed. He gave chase, and when he had brought her to a stop, he asked for her driver's license.

The woman looked at him sharply. "Young man," she said, "how can I be expected to show you my driver's license when you people keep taking it way from me?"

WEATHER REPORT

The husband answered the phone and said "I don't know, call up the weather bureau," and hung up.

"Who was that?" asked the wife.

"I don't know. Some nut wanted to know if the coast was clear."

QUOTEABLE QUIPS

Undoubtedly, the first man who ever tore a telephone book in half had a teen-aged daughter.

* * *

More and more women are discovering the secret of youth — they lie about their age.

* * *

The only people I know who appreciate a miser are his inheritors.

* * *

If you look like your passport photo, you probably need the trip.

* * *

Make all your words sweet. You never can tell when you may have to eat them.

NEW SMOOTHSTEM Thornless Blackberry

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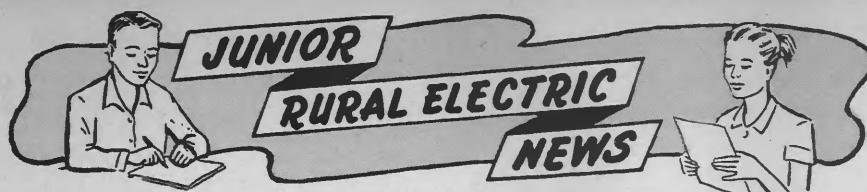
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EARLY TOMATO

An extremely early tomato, often ripening big, red tomatoes by July 4th, has been developed at the Jung Farms in Wisconsin. You can obtain a trial packet of this tomato by sending 10¢ to the Jung Seed Co., Box P-425, Randolph, Wis. 53956. They will not only send you this tomato seed but also a packet of glorious Giant Hybrid Zinnias and a copy of their 61st catalog, America's most colorful 1968 seed catalog.



PEN PALS

Here are some boys and girls anxious to become pen pals.

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

CONNIE DENISE GILBERT, r.r. 4, Mt. Vernon, Ill. 62864. 12 yrs. old and in the 7th grade. Birthday—July 13. Has blond hair, blue eyes and is 5' 1" tall. Hobbies—horseback riding, cooking, sewing and band. Would like to hear from boys and girls 12-13. Will try to answer all letters.

* * *

FAYE FULTON, r.r. 3, Lawrenceville, Ill. 62439. 11 yrs. old and in the 6th grade. Birthday — Nov. 6. Hobbies—horseback riding, cooking, sewing and swimming. Has blond hair and gray eyes. Would like to hear from boys and girls 10-13.

* * *

SANDI SUE JOHNSON, 202 S. Popular St., Onargo, Ill. 60955. 11 yrs. old and in the 6th grade. Hobbies—knitting, sewing, cooking and writing letters. Will answer all letters from 10-14. Send picture if possible.

* * *

DEBBIE SEIBOLD, 1804 N. Charles, Belleville, Ill. 62221. 13 yrs. old, has brown hair and eyes and is 5' 4½" tall. Hobbies—records, swimming and cooking. Would like to hear from boys and girls 13 and up.

* * *

JERRY DEAN BOWMAN, r.r. 1, Box 158, Medora, Ill. 62063. 13 yrs. old. Birthday — Feb. 12. Brown hair and eyes. Hobbies—photography. Member of 4-H. Would like to hear from anyone ages 13-18. Will answer all letters. Send picture if possible.

* * *

KATHY AKRIDGE, 1700 N. Dechman Ave., Peoria, Ill. 61603. 13 yrs. old and in the 7th grade. Birthday—Dec. 16. Has blond hair and brown eyes. Hobbies—sewing and writing letters. Would like to hear from boys and girls from 12 up. Will answer all letters. Send picture if possible.

PATSY RIST, Box 26, Hecker, Ill. 62248. 15 yrs. old and a sophomore in high school. Hobbies—horseback riding, swimming, reading and just having fun. Would like to hear from kids her own age.

* * *

WILMA HANKINS, r.r. 1, Fults, Ill. 62244. 16 yrs. old and a sophomore in high school. Blond hair and green eyes. Hobbies—horseback riding, swimming and loves animals. Likes to write. Would like to hear from boys and girls close to her age. Send picture if possible. Will try to answer all letters.

* * *

TOM DOUTHITT, Box 27, Emma, Ill. 62834. 11 yrs. old. Has reddish-brown hair, brown eyes and is 4' 5" tall. Hobbies—baseball and basketball. Also collects rock 'n roll records. Would like to hear from boys and girls of all ages. Will answer all letters. Send picture if possible.

BED WETTERS need TRANEX



DEBBIE ANN YOUNG, Box 89, Wayne City, Ill. 62895. 12½ yrs. old and in the 7th grade. Birthday—May 15. Has brown hair and blue eyes. Hobbies—softball, swimming, listening to records and taking care of children. Would like to hear from boys and girls of all ages.

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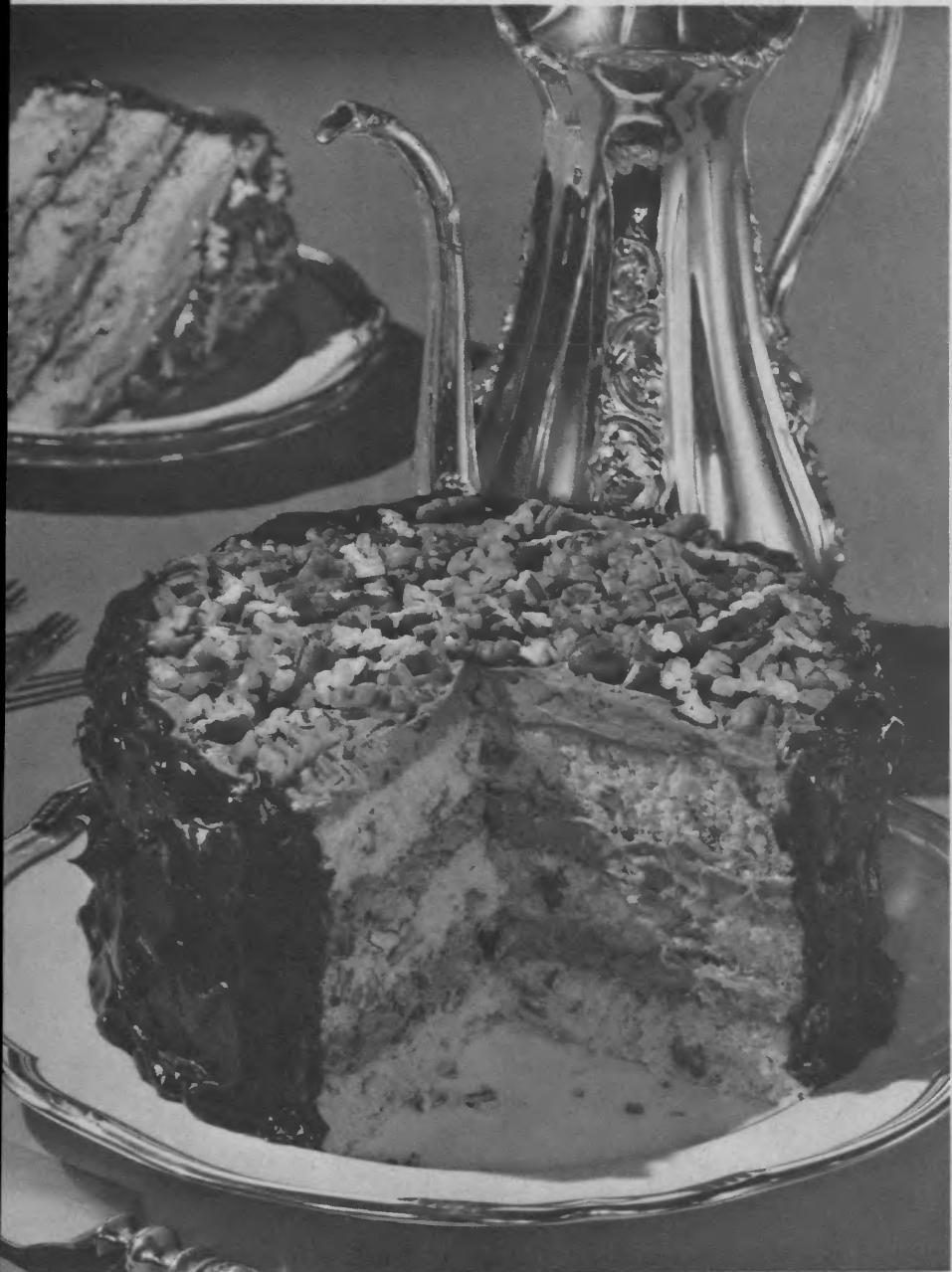
REN 1/68

Parent's Name _____ Child's Age _____

Address _____ Phone No. _____

City _____ State _____ Zip _____

PLENTY OF PECANS



This beautiful Viennese Pecan Chocolate Torte is elegant to the eye and tops in taste.

VIENNESE PECAN CHOCOLATE TORTE

6 eggs, separated	1 cup sifted all-purpose flour
1/2 teaspoon salt	1 cup finely chopped pecans
1 teaspoon vanilla	Pecans for topping (chopped)
3/4 cup sugar	

Separate eggs. Combine egg yolks, salt and vanilla; beat until very light and lemon-colored. Beat 1/2 cup sugar in gradually; continue beating until very light and fluffy (about 5 minutes at medium speed). Stir in flour and the 1 cup of finely chopped pecans. Beat egg whites until they form soft peaks; beat in remaining 1/4 cup sugar gradually and continue beating until glossy. Fold into egg yolk mixture. Divide batter equally between 3 greased and floured 8-inch layer pans. Spread just enough to level. Bake at 300° until done, 20 to 25 minutes. Cool in pans on rack 10 minutes; remove from pans and cool thoroughly on rack. Put layers together with chocolate cream filling using 1/3 of filling on each layer. Sprinkle top with chopped pecans. Chill in refrigerator until filling is firm. Scrape excess filling off torte. Cover sides of torte with chocolate satin frosting. Chill and serve. Yield: 8 to 10 servings.

CHOCOLATE CREME FILLING

1 package (6 oz.) semi-sweet chocolate bits	1/2 teaspoon salt
3/4 cup cold butter or margarine	1 egg
1-1/4 cups sifted confectioner's sugar	3 teaspoons rum or 2 teaspoons vanilla, as desired

Melt chocolate bits and cool, stirring often during cooling (chocolate must be cold, but not chilled when added to butter mixture). Whip butter until fluffy. Mix in sugar and salt and then beat at medium high speed until very light and fluffy, about 6 minutes. Add egg; continue beating until mixture is fluffy and smooth, about 2 minutes. Fold flavoring and chocolate in carefully but quickly. Cool in refrigerator to stiffen slightly before spreading on torte layers.

CHOCOLATE SATIN FROSTING

1 cup sugar	2 squares unsweetened chocolate, melted
1/4 cup cornstarch	3 tablespoons butter or margarine
1/4 teaspoon salt	
1 cup boiling water	

Combine sugar, cornstarch and salt in saucepan; mix well. Add water gradually, stirring constantly during addition. Place over low heat and cook until smooth and thickened, stirring constantly. Add chocolate and butter or margarine. Continue cooking and stirring until smooth and thick. Chill over ice water until cool and thick enough to spread; stir frequently during cooling. Spread sides of torte with frosting.

DATE PECAN BARS

1 cup butter or margarine	3 cups sifted flour
2 cups sugar	1 teaspoon nutmeg
3 eggs	1 teaspoon cinnamon
1 teaspoon baking soda	1/4 teaspoon ground cloves
2 teaspoons water	Dash of salt
1 8-ounce package dates, cut up	1 cup chopped pecans
	2 tablespoons sugar

Cream together butter or margarine and 2 cups sugar until light and fluffy. Add eggs, one at a time, beating well after each addition. Combine baking soda and water, and blend into creamed mixture. Add dates. Sift together flour, cinnamon, nutmeg, cloves and salt, and add gradually to creamed mixture. Blend in pecans. Chill dough several hours or overnight to make it easier to handle. On lightly floured board shape dough into approximately 10 rolls, each about 10 inches long and 1/4 inch in diameter. Place 2 rolls on each greased baking sheet and press with fingers to flatten to 1/4 inch thickness. Sprinkle with remaining sugar. Bake 15-18 minutes at 350 degrees. While hot, make diagonal slices 1 1/2 inches apart to form bars. Cool on wire rack. Yields 5-6 dozen bars.

ORANGE SUGARED PECANS

Combine 1 1/2 cups sugar and 1/2 cup orange juice. Cook to 240°F. or soft ball stage. Remove from heat. Add 1 tablespoon grated orange peel and 2 1/2 cups pecan halves. Stir until sirup begins to look cloudy. Turn onto waxed paper in small clusters or individual halves. Allow to cool.

CELESTIAL CHICKEN SALAD

4 cups diced cooked chicken	crumbled
2 cups diced celery	1 cup mayonnaise or salad dressing
one 4½ ounce jar whole mushrooms, drained	1 cup dairy sour cream
½ cup pecan halves, toasted	1½ teaspoons salt
4 slices crisp fried bacon	2 tablespoons lemon juice

Combine chicken, celery, mushrooms, pecans and crumbled bacon in a large bowl. Blend mayonnaise or salad dressing with remaining ingredients. Add to chicken mixture, tossing lightly to mix. Chill thoroughly. Serve in crisp lettuce cups, if desired. 6 to 8 servings. Note: To toast pecans, place in shallow baking pan in preheated, 350 degree oven about 15 minutes.

SWEET POTATO SOUFFLE

3 lbs. sweet potatoes	2 tablespoons cornstarch
¾ teaspoon salt	3 eggs, beaten
1 cup rich milk	¾ cup pecans, coarsely chopped
½ cup honey	

Blend all ingredients in order given. Place in buttered 1½-qt. casserole. Bake at 300 degrees 30-40 minutes until set. If the potatoes have a tough grain, it is better to sieve them after cooking. This is good with baked ham.

CHOCOLATE BROWNIE PIE

1 unbaked pie shell	½ cup sugar
2 sq. unsweetened chocolate	¾ cup dark corn syrup
2 tablespoons butter	¾ cup pecan halves
3 eggs	

Melt chocolate and butter together on low heat. Beat eggs, sugar, chocolate mixture and syrup together with rotary beater. Mix in pecans. Pour into pastry-lined 9-inch shell. Bake at 375 degrees 40-50 minutes or until just set. Serve slightly warm with ice cream or whipped cream.

ORANGE NUT BREAD

1 orange	2 cups flour
½ cup boiling water	1 teaspoon baking powder
¾ cup raisins or dates	¼ teaspoon salt
1 cup sugar	1 teaspoon soda
2 tablespoons melted butter	½ cup chopped pecans
1 egg, beaten	

Squeeze juice from orange (should be ½ cup). Add boiling water to make 1 cup liquid. Remove pulp from orange, put peel through food chopper. Combine with raisins. Combine liquid, fruit, sugar, butter and egg. Sift flour, baking powder, salt and soda together, add liquid and fruit. Mix, add chopped nuts. Bake in greased loaf pan at 350 degrees about 50 minutes. Cool in pan.

PECAN TARTS

Pastry:
1 pkg. (3 oz.) cream cheese 1 cup flour
½ cup butter or margarine

Filling:
½ cup butter 1 cup chopped pecans
1 cup sugar 1 cup chopped dates or raisins
2 eggs, separated
1 teaspoon vanilla

Make pastry from first 3 ingredients. Have cheese and margarine at room temperature for ease in handling. Chill 1 hour or longer. Make filling by creaming sugar, butter, egg yolks. Add vanilla, chopped nuts and raisins. Fold in beaten egg whites. Pour into tiny muffin tins filled with thin pastry. Bake at 350 degrees 20 minutes or until brown. Makes from 16 to 4 dozen tarts, depending on size of muffin tins. Adaptable to freezing.

PECAN MERINGUES

Beat 2 egg whites until stiff but not dry. Gradually add 2 cups confectioners sugar, beating hard. Add 1 teaspoon vinegar, 1 teaspoon vanilla extract, and 2 cups whole pecans. (Do not chop pecans because fat from chopped nuts will reduce volume of meringue). Drop mixture by teaspoonfuls onto greased cookie sheet, keeping meringues 2 inches apart. Bake 12-15 minutes at 300 degrees, until meringues are firm but not brown. These cookies should remain light in color—not browned. Yields 3 dozen cookies.

UNBAKED NUT CRUST

1½ cups ground pecans 3 tablespoons butter or
2 tablespoons sugar margarine, melted

Combine ingredients, toss with fork until well mixed. With fingers press evenly into 9-inch pie plate (don't make rim). Good crust for unbaked pie filling.



PECAN SOUFFLE

4 tablespoons butter	1 cup coarsely chopped pecan
4 tablespoons flour	1 teaspoon vanilla
½ teaspoon salt	1 cup milk
1 cup milk	3 egg whites
3 egg yolks	(6 to 8 servings)
½ cup sugar	

Melt butter, add flour and salt. Add milk gradually, stirring constantly on low heat. Cook until thick. Beat egg yolks until light, add sugar, pecans and vanilla. Add egg yolks mixture to white sauce, stir until well blended. Beat egg whites until stiff but not dry. Fold the egg whites carefully into sauce mixture. Turn into buttered 1½-qt. casserole. Place casserole in pan of hot water, bake at 325 degrees 50 minutes to 1 hour. Serve with Mocha Sauce: Cream ¼ cup butter until light. Combine 1 cup powdered sugar, 2 teaspoons cocoa and dash of salt. Add to creamed butter, blend. Add 2 tablespoons strong coffee and 1 teaspoon vanilla, mix well.

BUTTER PECAN COOKIES

1 cup butter	½ teaspoon vanilla
½ cup brown sugar	1 egg, beaten
½ teaspoon salt	2 tablespoons milk
1 egg yolk, beaten	½ cup pecan halves
2½ cups flour	(4 dozen cookies)

Combine butter, sugar, salt, mix until fluffy. Add egg yolk. Stir in flour, blend. Add vanilla. Roll dough into balls ¾ inch in diameter. Place 2 inches apart on greased cooky sheet. Add milk to beaten egg and dip fork into this mixture. Press fork down on each cookie until ¼-inch thick. Place pecan in center. Bake at 350 degrees or until golden brown.

CHOCOLATE PECAN FUDGE

1¼ cups milk	¼ cup (1 stick) butter
4 1-ounce squares unsweetened chocolate	1 teaspoon vanilla
3 cups sugar	1½ cups coarsely chopped pecans
2 tablespoons corn syrup	Pecan halves

Heat milk and chocolate together in heavy pan over low heat until chocolate melts. Add sugar and corn syrup, stirring until sugar dissolves. Wash sugar crystals from sides of pan with damp cloth wrapped around a fork. Cook to 234°F. or soft ball stage, stirring occasionally. Remove from heat, add butter and let cool to 110°F., or lukewarm, without stirring. Add vanilla and pecans. Pour onto a buttered platter or pan. When set cut into squares and decorate with pecan halves. Yields about 3 pounds fudge.

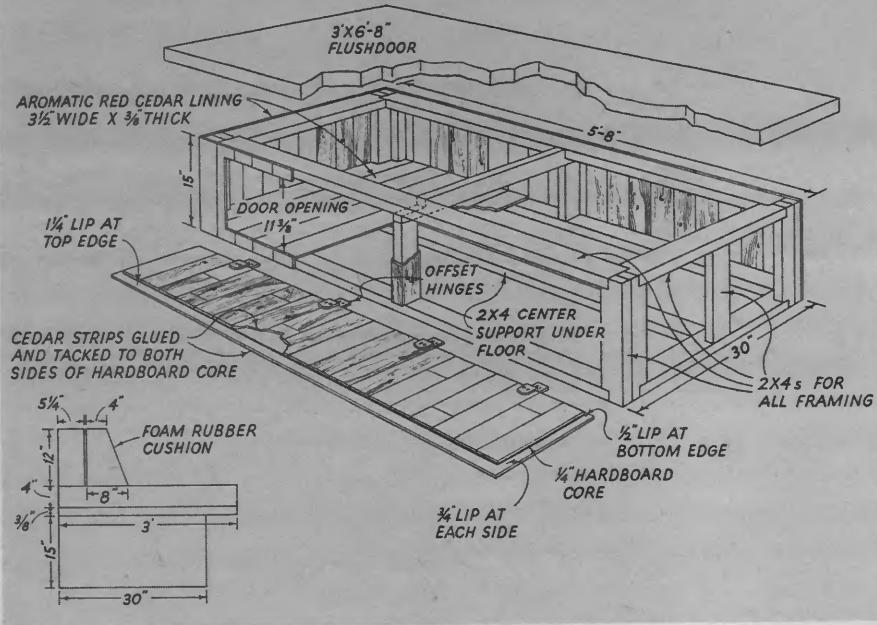
VANILLA PECAN FUDGE

1 package vanilla pudding powder, not "instant"	1 tablespoon butter or margarine
variety	½ cup coarsely chopped pecans
1 cup sugar	Candied cherries
½ cup evaporated milk	

Combine all ingredients except cherries in heavy 1½ quart saucepan and stir until smooth. Heat to a full boil, stirring constantly. Lower heat and keep stirring while mixture boils slowly 3 minutes. Remove from heat and beat until candy is thick and loses its shine. Spread in buttered 9 x 5-inch pan. Let stand until firm, cut into squares and decorate with cherries. Yields about 20 pieces.

Celestial Chicken Salad — a salad certain to delight and show off the versatility of the pecan.

FRAMING DETAILS FOR SOFA-BED CEDAR CHEST



**Single build-it-yourself unit provides
Seating-storage-sleeping**

■ Add seating, storage and sleeping accommodations to your family room with a combination unit that provides all three. Such a build-it-yourself furniture piece is a handsome sofa bed that rests on a spacious cedar-lined storage chest. Construction of the three-way unit is relatively easy, and the cost is moderate. Cost of the materials required to build the sofa-bed-chest is \$70. Retail cost of a comparable piece of furniture would be about three times that amount.

There are several unique aspects of this construction project. For one, a standard 3' x 6'8" hollow core door is used to form the bottom of the bed and top of the chest. For another, the lower portion of the unit is paneled with red cedar. The cedar is left in its aromatic state on the inside—to provide moth repellency—and is stained and varnished on the outside to give a dark, paneled effect. Another unusual feature is the hardboard "sandwich" design of the chest door. Cedar lining is glued and tacked to both sides of a $\frac{1}{4}$ " piece of hardboard. A setback along the four inside edges of the door permits the door to close tightly and retain the moth-repelling cedar fragrance. A section of each end of the drop-down door lets the door open a maximum of 180 degrees, stopping it an inch or two off the floor and providing an access platform for transferring articles in and out of the storage chest.

The sofa bed rests on a frame of 2 x 4s. The door is bolted to the frame, flush along the back and with a 6-inch overhang in front and at both ends. Tongue-and-grooved pieces of cedar closet lining are nailed to the 2 x 4 chest framing. The bottom of the chest is similarly lined with cedar lumber. The chest provides ample space for bedding, woolen blankets, and other household woolens which require a haven from destructive moths.

The removable seat cushion is made from a 4-inch thick piece of foam rubber padding covered with a felt material. The two bolsters or back cushions also are made of upholstered foam rubber, tapering from a width of 8 inches at the bottom to 4 inches at the top. The back cushions rest up against two rectangular storage compartments which are built on a light wood frame covered with a $\frac{1}{4}$ " piece of hardboard and upholstered to match the bolsters and seat cushion. The compartments act as spacers to narrow the width of the bed and provide storage for beddings.

■ Cleverness does not have to be a monopoly of the other fellow. It need not always be someone else who earns the tributes, "My isn't she imaginative?" or, "They've really done great things with this room." An opportunity to touch your own home with interest can be found in making old furniture look antique.

In our September 1965 issue we told you how to antique from scratch, even how to make your own glazing liquid. If you are a beginner at antiquing and don't mind spending a few pennies, you can buy an antiquing kit containing everything required, right down to stirring sticks.

Antiquing old furniture (and who doesn't have some) adds that certain timeless grace that makes a homeowner a homeowner. Before proceeding, it is worthwhile to understand clearly a fundamental principle of the antique-concept, which lies in the difference between "old" and "antique." The notion is incorrectly held by some that making furniture or other household accessories look old is equivalent to antiquing them. Webster's Dictionary holds the clue in the word "venerable," which is used to qualify antique.

Thus, it is the dignity of age—a patina that can be lent to various old pieces in the home by the inventive do-it-yourself. The procedure is surprisingly simple. You can do it in two steps: the base coat is brushed on right over the old finish and allowed to dry for 24 hours, then the glaze coat is applied and while it is still sticky, surface wiped.

For most pieces that's all there is to it. It may be desirable—in some instances—to add a coat of satin finish varnish for extra durability to table tops and other surfaces subject to especially hard wear several days later.

Antique finishes are easily applied, even though the decorator has not laid hands on a paint brush since grade school. Furniture so treated takes on a "texture" usually obtainable only with great age and through the ministrations of a professional decorator. These antiquing kits come complete with flat base coat, the color glaze, plus a brush, a pack of fine-grained sandpaper, stirring sticks and a package of cheesecloth and instructions. Of course, all can be purchased separately. And if you like

ANTIQUING

the idea and decide to take on a big project, this will probably be the route you'll choose.

Whether it be transforming a drawer from grandma's treadle sewing machine into a handsome win-

dow planter or renovating a decrepit 50-cent picture frame as a wall mirror holder, do-it-yourself antiquing is an uncomplicated method of blending age and innovation in the home.



ANTIQUE OVER OLD FINISH—With a brush the base coat—Colonial Red for this old sewing machine drawer—is applied directly over this old surface and allowed to dry for 24 hours. On top of that goes the glaze coat which is surface wiped while still sticky



WAS JUST AN OLD DRAWER—Here's what the new "antique" looked like before refinishing. Salvaged from an old treadle sewing machine, it looked somewhat the worse for wear, but showed great possibility for becoming a handsome antique

"NEW" ANTIQUE PUT TO USE—The old drawer has become a venerable-looking planter, worthy of an honored spot in living, dining room or den—instead of a dusty corner of the attic. Any piece of old furniture can experience the same re-veneration with antiquing

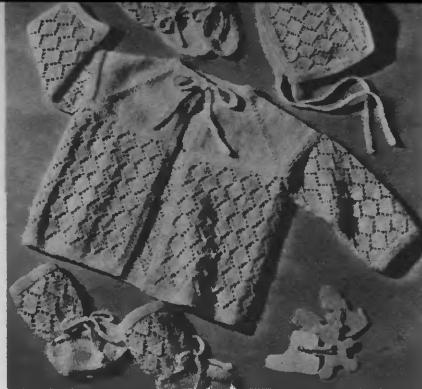




1. A bunny for Easter



2. Knitted Maternity Blouse



3. Honeycomb Set for Baby

Something for all the family—



4. Raglan Cardigan

1. Here comes Peter Cottontail, hopping down the bunny trail and into your life. Made of print fabric scraps, stuffed with cotton batting, his legs and feet are moveable by connecting them to his body with buttons. Start now and make several of these Easter bunny creations

2. Mother-in-waiting has a glow on, wearing this lovely pink maternity blouse. The sleeveless knit pattern is leafy, with a wavy rib. Sizes are small, medium and large

3. Dressed like an angel in this "honeycomb set", baby will act like one. Includes sacque, cap, mittens and bootees. Open work stitch is knit. Sizes for 6-mo., 1-2 yrs.

4. A pale yellow cardigan for a young miss to wear with a party dress or school skirt—zippered front—sizes 2-6

5. Double Irish Chain is a traditional patchwork quilt method created entirely of colorful squares and rectangles

6. This raglan sleeved pullover can pass the toughest exam. It is knit in a patterned rib stitch with two cable stripes in men's sizes 38-46. Make it in a neutral color

7. The perfect pullover for winter sports is this warm turtleneck with raglan sleeves. It's knitted in bright yellow in a pattern stitch with ribbed collar and cuffs

8. Trim tri-color cardigan will compliment your slim skirts and trim slacks. This one is fashioned in white, pearl grey and yellow but would be striking in flamingo, pink and cerise. It's knitted in lightweight yarn



5. Double Irish Chain Quilt

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- 2.....Blouse
- 3.....Baby Set
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- 5.....Quilt
- 6.....Men's Pullover
- 7.....Sweater
- 8.....Tri-Cardigan

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7. Girl's Sweater



8. 3-Color Cardigan

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