



*Doing their homework was part of the agenda for those attending the regular quarterly meeting of the Illinois Electric Cooperative Managers' Association. In this photo, C. E. Ferguson, manager of Coles-Moultrie Electric Cooperative, and Walt Smith, manager of Illini Electric Cooperative, take notes during a presentation.*

is scheduled to receive \$123-million this winter.

Problems with the program last year centered around delays in payment to utilities by the administering agencies, Wayne E. Curtis, manager of the State of Illinois ECAP program, told the managers.

He promised that such delays would be minimized this year.

A highlight of the meeting was a program comparing the CBS broadcast of Harry Reasoner's "60 Minutes" report on the nuclear Clinton Power Station with the actual footage shot at the site and in the offices of the Illinois Power Company (IP).

Illinois Power had videotaped Reasoner's interviews and combined clips of their tapes with those from the November 25 broadcast, indicating that "60 Minutes" had edited out, presented incorrectly, or ignored salient facts about the witnesses' testimony about the plant's construction.



**FINANCING  
NO  
PROBLEM!**

## Have you been priced out of today's housing market?

### Miles Homes could be the answer!

If you have the ambition and desire to build your own home, then the Miles Plan could be for you. **THE MILES HOME OWNERSHIP PLAN IS UNIQUE.** Your desire and dedication are more important than ready cash — start now to build the home of your dreams...the Miles Way.

- Liberal credit — Low monthly payments while building.
- Foundation assistance.
- Land may not have to be fully paid for.

- Pre-cut materials, blueprints, step-by-step instructions.
- 36 months to build.
- There is a representative near you. Phone: (612) 588-9700.

Miles has nearly 30 years experience helping over 15,000 families to build their own home. Send coupon today to see how Miles can help you.

## Miles Homes

12 Insilco A Division of Insilco Corporation

Send me your **FREE** Great Homes Idea Book  
**MILES HOMES, Dept. E004** (309)-266-7919  
 4500 Lyndale Ave. N., Minneapolis, MN 55412

Name \_\_\_\_\_

Address \_\_\_\_\_

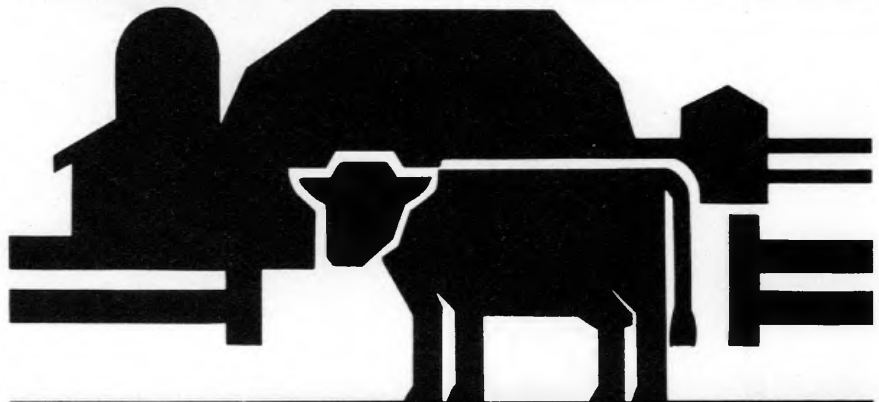
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_

Phone ( ) \_\_\_\_\_

I plan to do  all or  part of the work  
 \$1.00 enclosed for priority handling

E004



## farm & ranch INSURANCE

Our insurance can help prevent financial disaster or crippling losses.

Cover your home and personal property, farm buildings, farm and personal legal liability, plus many other special coverages and options available.



**National  
Farmers Union  
Property and Casualty Company**

SEE YOUR LOCAL FARMERS UNION AGENT OR CONTACT ONE OF OUR DISTRICT OFFICES: SPRINGFIELD (217)528-8418, MT. VERNON (618)242-6498.



# Rural Highlights

Board of Directors: Larry A. Fesser, President; Stanley Otten, Vice President; Herbert Niemeyer, Secretary-Treasurer; Harold W. Peper, Asst. Secretary-Treasurer; Halden Funderburk, Loren A. Rhea, Harold Bruntjen, Lynn D. McTaggart, Robert Burtle and Roy D. Goode, Manager.

RURAL ELECTRIC CONVENIENCE COOPERATIVE CO.

217-438-6813

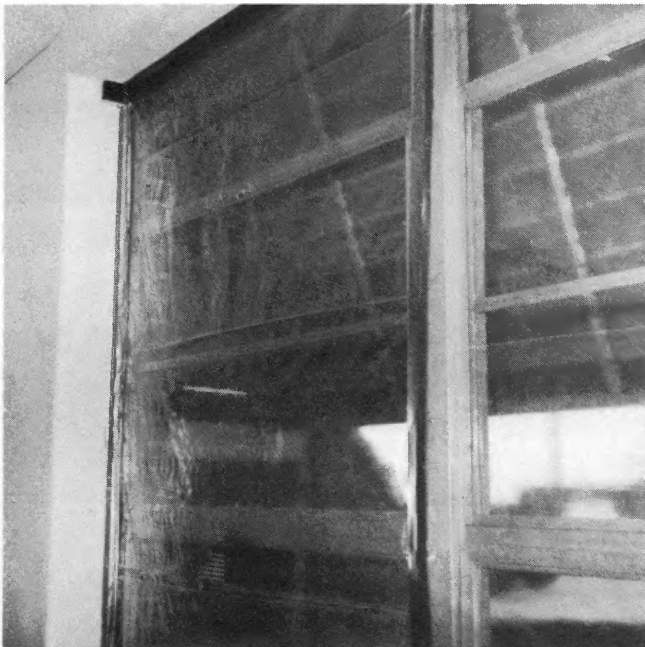
AUBURN, ILLINOIS

## Energy Conservation

On July 16, 1979, when President Carter's Emergency Building Temperature Restriction order became effective, your cooperative's office building had to comply with the thermostat-setting recommended. The setting for summer is 78 degrees and the winter setting is 65 degrees Fahrenheit.

Your board of directors complied with these temperature restrictions and at the same time recommended more insulation be installed in the attic of the building and storm windows be added to the office building windows.

Civil penalties of up to \$5,000 and criminal penalties of up to \$10,000 are imposed for violations of these regulations. The office personnel are wearing more sweaters and heavier clothing to keep themselves comfortable.

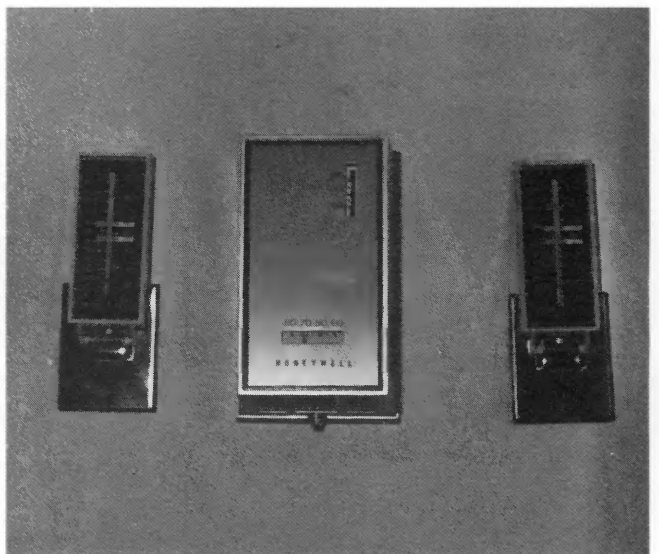


*Visqueen has been used on the windows until storm windows can be installed.*

Your cooperative headquarters has now "tightened up" with additional insulation and window seals. Storm windows are on the way. In addition, lighting has been reduced in little-used areas and non-essential lighting has been eliminated.



*Eight inches of blown insulation has been added to the attic area.*

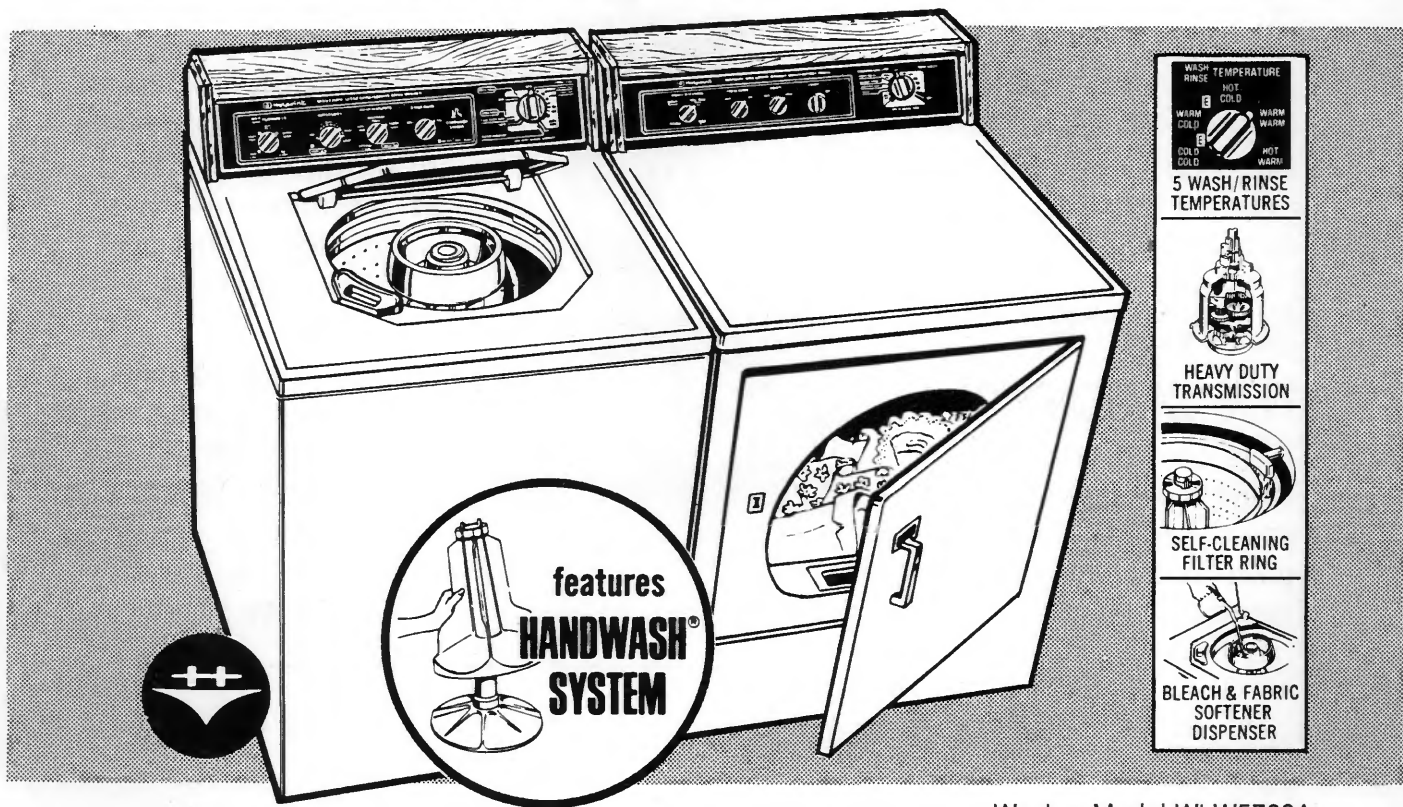


*Thermostat at the lowered setting.*

Hotpoint  
PROUDLY PRESENTS WASHERS & DRYERS

# FACTORY TESTED FOR PERFORMANCE!

EVERY MOTOR,  
TUB, PUMP, & CONTROL PANEL IS  
ELECTRONICALLY TESTED FOR QUALITY!  
EVERY WASHER IS FACTORY TEST-RUN FOR PERFORMANCE!



- Deluxe large capacity washer with 2 agitator Handwash® system to handle gentle or rugged loads
- Variable water level control
- Rapid Wash and Extra Rinse cycles
- Deluxe automatic large capacity matching dryer
- Automatic Sensi-Dry™
- Up-front lint filter
- Timed cycle up to 50 minutes
- End-of-cycle signal.

Washer Model WLW5700A  
Dryer Model DLB2880A

**Rural Electric  
Convenience  
Cooperative Co.**

*Auburn, Illinois*

# Hotpoint

DIAMOND JUBILEE — 75 YEARS OF SOLID VALUE

---

---

# Time is running out on tomorrow's electricity!

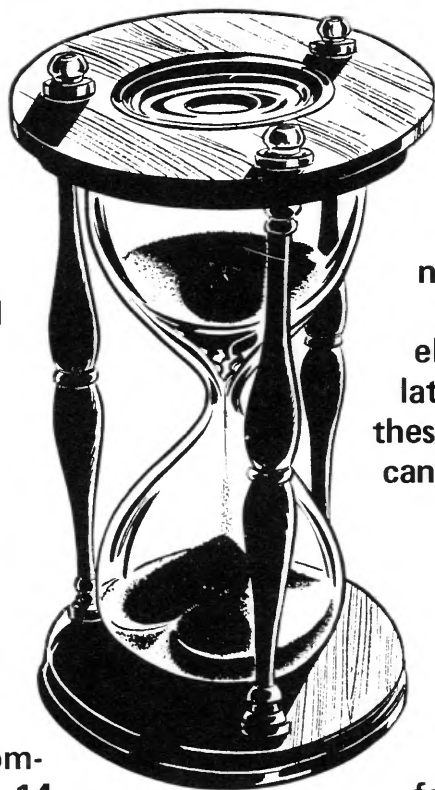
It's too bad we can't stockpile electric energy for the lean years. It must be produced as needed to meet demand.

Despite energy conservation, demand will increase over the next 20 years because of population growth and reliance on electricity to replace gas and oil. Conservative government and industry forecasts show the need to build 500 new generating plants to meet that demand.

## So what's the problem?

A coal-fired power plant started this year could take 10 years to complete and a nuclear plant, 14 years. It takes from five to seven

years just for the paperwork on the average coal-fired plant . . . years that cost the consumer dearly.



Each day of construction delay in the regulatory jungle adds as much as \$300,000 to the cost of a coal-fired plant. Regulators themselves now admit that about 40 percent of the average electric bill goes for regulation. Illinois can't afford these delays, and consumers can't afford to pay the cost of unneeded delay.

We need reasonable, orderly regulation that serves the public interest. We need regulatory reform before time runs out on our electric energy supplies.



---

## *Electric Cooperatives of Illinois*

*Energy: today and tomorrow*



## Selection and location...

(continued from page 13)

more modern fixture design and better controls on the market today, we will be seeing more and more use of fluorescent fixtures in new as well as in existing homes.

For outside uses, such as yard

lighting, confinement buildings, machine shops and other outbuildings, perhaps some of the other more efficient multivapor or high pressure sodium lamps could be a viable alternative. These lamps should certainly be given consideration when changes or additions are to be made in the future. Many lighting applications outside the home could involve using these high efficiency long-life lamps,

with an end result being more light for less dollars.

These suggestions and others could be discussed with the lighting retailers in your area as well as with your cooperative's power use advisor.

Better utilization and conservation need not mean a reduction in quality and quantity of light. In many cases, a better, more efficient application will be the new result.

### 100<sup>th</sup> ANNIVERSARY SPECIAL

# 25 GLADS \$1

Postpaid



Kelly's Centennial collection of top-quality 1"-1 1/4" dia. gladiolus. Guaranteed to bloom this year. Dazzling array of vivid colors. Planting instructions included. Due to limited quantity, one offer to a customer. Send today.

**KELLY BROS. NURSERIES, INC.**  
919 Maple St., Dansville, NY 14437

- Enclosed is \$\_\_\_\_\_ Send at planting time \_\_\_\_\_ Glads.  
 Send FREE Kelly Centennial Nursery Catalog.

PLEASE PRINT

Name \_\_\_\_\_

Address \_\_\_\_\_

ZIP \_\_\_\_\_

(Sorry, None to AZ, CA, OR, WA)

### DID YOU KNOW?

That old stock tank, water reservoirs, etc., coated with Virden Tank Coat, are better than new ones! Fix it and forget it! Let us send you complete information. This is our 29th year. **VIRDEN PERMA-BILT CO.**, 2821 Mays St., P. O. Box 7160IN, Phone: 806/352-2761, Amarillo, TX 79109

Inter-State Nurseries  
delivers Hamburg,  
Iowa 51640

# 20 Giant Ruffled Glads \$1.00

Postpaid & Guaranteed

**Double your money back if not completely satisfied.**

New and superior varieties...if bought by name they would cost \$2.40. Colors range from white to purple, pink, rose, yellow, lavender, orange. This year we added **Red Beauty**, one of the brightest glads known. Big bulbs, 1 to 1 1/4 inches across. Glads will bloom for you this summer.

**Free Spring Catalog**

**INTER-STATE NURSERIES**

3020 E. Street, Hamburg, Iowa 51640

Free Spring Catalog  20 Glads \$1.00

NAME \_\_\_\_\_

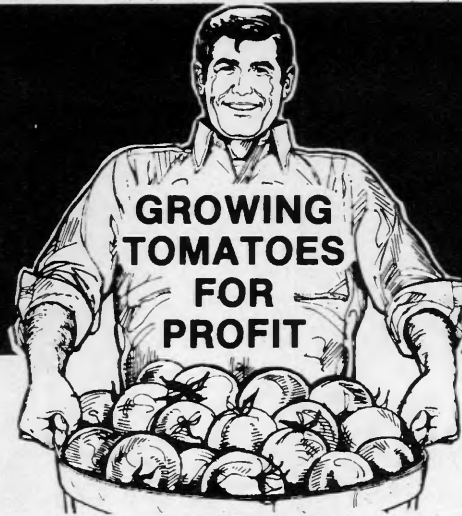
ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIP \_\_\_\_\_

Glads will be shipped at proper planting time



**START NOW!**

## THE GREENHOUSE "HYGRO-FLO" WAY IS SPREADING EVERYWHERE. SUPPLY SUPERMARKETS & RESTAURANTS YEAR 'ROUND.

THE PROVEN HYGRO-FLO™ TUBE GROWING SYSTEM AND GREENHOUSE MAKES GROWING FOR PROFIT A REALITY!

If you have:

- The ability to manage your own business
- 15-20 hours per week to run greenhouse
- The ability to follow detailed instructions
- 1/4 acre of land or more
- The ability to invest \$10-12,000.

Then, let us show you a system in full production. Our 30' x 124' greenhouse and the HYGRO-FLO™ tube system of growing produces \$15-20,000 worth of tomatoes each year. To increase your success potential, the company provides free schooling and continued technical help with fully trained personnel and marketing assistance.

Hygroponics North of Hygroponics, Inc. soon to be constructed 20 miles west of St. Louis Airport near I-70 and U.S. 40-61.

PLEASE SEND ME FREE INFORMATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE \_\_\_\_\_

SEND THIS COUPON TO:

**HYGROPONICS**  
INCORPORATED

DEPT. 18

3935 N. PALO ALTO AVENUE  
PANAMA CITY, FLA. 32405

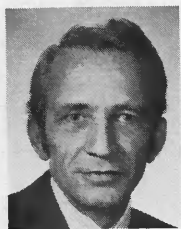
(904) 265-3661

# current lines from cooperative managers

## Shelby Electric

SHELBYVILLE, ILLINOIS

The 42nd annual meeting of Shelby Electric Cooperative will be held on Friday, March 28, starting at 7:00



William E. LeCrone  
Manager

P.M. in the Moulton School in Shelbyville. The annual meeting notice will be mailed to all members. Please mark the meeting date on your calendar and try to attend the important

business meeting.

Annual reports will be presented by President Victor Jostes, Secretary Neil Pistorius, Treasurer Kenneth Kensil, and Manager William E. LeCrone.

The members will elect two directors. Board members with expiring terms are Victor Jostes of Nokomis and Robert Primmer of Findley.

Remaining board members are Neil Pistorius of Blue Mound, Kenneth Kensil of Tower Hill, Lawrence Oller of Taylorville, Gerald White of Macon, and L. Eugene Boldt of Stewardson.

The speaker for the meeting will be Dr. G. B. Dunning. Dr. Dunning received his Doctor's Degree in Counseling Psychology from the University of Nebraska, Lincoln. He has a Master's Degree in Guidance and Counseling, a Bachelor's Degree in Psychology, and a Bachelor's Degree in History and Religion. Until recently, Dr. Dunning was associated with the University of Nebraska where he was a member of the Graduate College Faculty and held joint appointments in the University Counseling Center and the Department of Educational Psychology and Measurements. Dr. Dunning has done pioneering work in the development of criterion-referenced training programs. Dr. Dunning is a management consultant and has trained trainers of boards of

directors, salespersons, managers, teachers and counselors. His business clients encompass a wide variety of organizations: public utilities, municipalities, cooperatives, public schools, universities, governmental agencies, volunteer organizations, as well as business and industrial firms and trade associations. He has developed many training programs for managers, directors, supervisors, and employees and is in frequent demand as a platform speaker.

I have heard Dr. Dunning speak a number of times as well as being one of my instructors at the University of

Nebraska a number of years ago. I recommend him very highly and assure you of a very interesting evening.

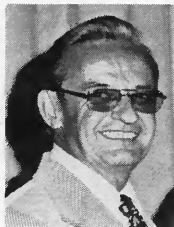
Cooperative officers said the annual meeting program is geared to last no longer than two hours. They urge all members to attend, reminding them that they have a voice in their own organization and that they should take this opportunity to voice their opinions.

Members are asked to keep March 28 open so they can attend this meeting to be held in the Moulton School. Let's all try to make it a success.

## Rural Electric

AUBURN, ILLINOIS

Your cooperative operates nearly 1,300 miles of electric lines in five counties in central Illinois. It is impossible and impractical for you to employ enough people to patrol all the lines all the time. We depend on you to report hazardous conditions on the



Roy D. Goode  
Manager

line. Lightning, wind and ice are natural enemies of electric lines. A damaged pole by wind or lightning, may be a potential hazard. High voltage lines are potentially dangerous. It takes years of training to develop the necessary skills to operate and maintain these lines.

If you see a potential hazard, please report it--Broken poles, low wires--could be lethal. Your cooperative will repair immediately any reported dangerous condition.

Your cooperative has programs available for your group explaining what hazards to look for. If you belong to an organization that is looking for a program, let us know--your cooperative has a variety of programs available.

As this is being written we have been experiencing one of the mildest winters in recent memory. We still have a couple of months to go, but we also have a couple of months behind us.

Conservation, weather, escalating costs, weatherization and other factors have combined to produce a definite decline in the rate of growth in energy sales. You are to be commended for this, the energy situation is bound to be with us for years to come. We realize that conservation is yet to create one kilowatt-hour or BTU of energy, but will perhaps give some time for our research and development to come to grip with new methods and sources.

### ENERGY AUDIT

Contact your cooperative office for an "energy audit" of your property. Trained personnel are available to discuss ways you can cut down the waste of energy, and make suggestions as to how you can take steps to weatherize and other ways of conservation.

Conservation is not new to rural America. Farmers have always used conservation procedures in producing food and fibre.

# If you liked gasoline shortages in the 70's, you'll love electric power shortages in the 80's and 90's.

We're not joking. Serious power shortages are menacingly close. Long in the making, they'll be long in disappearing if we let them overtake us.

Chances are good that won't happen if the ball of red tape called the regulatory process is cut down to size — immediately.

Conservative forecasts show that the nation's generating capacity must double by the year 2000 to meet demand. Enough power plants to produce some 500-million kilowatts must be built in just 20 short years.

This is a discouraging task because half the power plants needed by 1990 aren't even under construction yet. And coal-fired plants started this year will take up to 10 years to complete, nuclear plants up to 14 years. You need five to seven years just for paperwork on the average coal-fired plant.

Complying with the constantly growing tangle of overlapping, unclear and sometimes irrational energy rules and regulations consumes months of expensive time. Each day's delay adds as much as \$300,000 to the average plant cost.

Illinois can't afford these delays and consumers shouldn't have to pay for them. Energy regulations must be streamlined . . . and eliminated where they serve no real purpose.

The regulatory process is intended to serve the public interest. Certainly, in a country as energy dependent as ours, it's in the public interest to regulate the utility industry . . . SENSIBLY.

## *Electric Cooperatives of Illinois*

*Energy: today and tomorrow*



© NRECA



Natural Look



# CAPLESS Stretch WIGS

Any Style

Feels as light and cool as your own hair.

**\$7.95**  
Values up to \$20

"PERMANENTLY SET" • READY TO WEAR STYLES • NEVER NEED SETTING

- Choice of 17 attractive colors or custom matched to your own hair
- Permanently set—wash and wear—the setting bounces back

- Made of miracle modacrylic fiber—has the luster, rich body and bounce of human hair—behaves better than real hair
- No costly settings at the beauty parlor

- Packs in your purse—crush resistant
- Looks and feels like real hair—you'll mistake it for your own

Any 2 for only \$13.90  
**SAVE \$2.00**



Style C-174



Style C-702



Style C-518



Style C-927



Style C-727



Style C545



Style C-925



Style C-944



Style C-740



Style C-903



Style C-124



Style C526



Style C-946



Style C-724

**FREE 10 DAY TRIAL COUPON!**

FRANKLIN FASHIONS CORP., Dept. W-306  
103 East Hawthorne Ave., Valley Stream, N.Y. 11580

Rush my "Natural Look Capless Wig" style(s) I must be absolutely satisfied or I can return my order within 10 days and my money will be refunded.

Check Box of Style Number Desired

- C-702
- C-518
- C-727
- C-124
- C-946
- C-944
- C-174
- C-927
- C-724
- C-545
- C-925
- C-903
- C-526
- C-740

Check Box of Color Desired (or Send a sample of Your Hair for Expert Matching)

- Black
- Off Black
- Light Brown
- Medium Brown
- Dark Brown
- Light Blonde
- Medium Blonde
- Dark Blonde
- Ash Blonde
- Platinum
- Light Auburn
- Medium Auburn
- Dark Auburn
- Light Frosted
- Dark Frosted
- Mixed Black & Grey
- Mixed Brown & Grey

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- PREPAID: I enclose \$7.95 for one wig plus \$1.50 for shipping & handling
- C.O.D.: I enclose \$2 deposit and will pay postman balance plus pstg & handling
- PREPAID: SAVE \$2.00. I enclose \$13.90 plus \$3 for shipping & handling for any 2 wigs

N.Y. State residents add sales tax.



# Solve Your Home-Heating Costs NOW! **FREE HEAT MACHINE®**

Can Pay for Itself In LESS than 2 Years!

- Tested and listed by Underwriters Laboratories, Inc. and approved by the Canadian Standards Association and the International Conference of Building Officials.
- 38,000 BTU output verified by an independent laboratory.
- Two 2-speed air blowers of efficiency and quiet operation.
- Air filters protect blowers from dust, extend blower life.
- Glass doors prevent heated room air from escaping up chimney.
- Competitively tested and recommended by a major utility.
- Quality construction, built to last.
- Easy to install without any alterations to existing masonry fireplaces.
- Just five models fit 80% of all home fireplaces.

Tests proving the performance and safety claims made by the FREE HEAT MACHINE® have been verified by Underwriters Laboratories, Inc., the Canadian Standards Association and the Gas and Mechanical laboratories, Inc. Documents are available upon request. Many competing products make exaggerated claims, without substantiation by reputable outside laboratories.

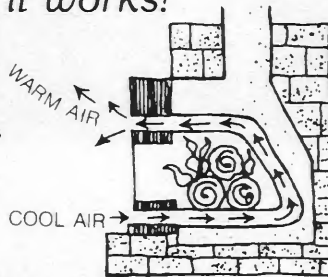
We know of no other unit that puts out as much heat as the FREE HEAT MACHINE®!

Greatly increased manufacturing capabilities now make it possible for us to supply distributors and dealers in areas not previously covered. Write or phone today for opportunities in your area.



## Here's how it works!

Cool air is drawn into the C-shaped tubes (which serve as the grate) with two-speed blowers. The air passes through the tubes, returning the warm air into the room at 160 cubic feet per minute. Smoke and gases escape up the chimney.



The glass doors and draft control prevent heated room air from being drawn back into the fireplace.

## Now Keep YOUR Home Warm and SAVE MONEY!

THE FREE HEAT MACHINE® can be used independent of, or in conjunction with, your existing heating system and can substantially reduce your heating bill.

For instance, if you build a typical fire with three logs, your FREE HEAT MACHINE® will produce 38,000 BTU's of usable heat. That's enough to heat 1,300 to 1,500 square feet of living area.

Any solid fuel (wood, coal, paper logs, etc.) can be used. Since the machine is so efficient, you will use less fuel than you use now.

The only other cost to operate the unit is for electrical power to run the two blowers. That's less than 150 watts, or the same as one light bulb!

**5 Year Warranty On Heat Exchanger!**

the **FREE HEAT MACHINE®** can be heating your home tomorrow...

The unit is engineered to fit easily into your existing masonry fireplace. After assembly, you just slide it into place, connect the electrical cord, and start a fire! For more information, give us a call today.

Listed

U S Patent 3938496

NAME \_\_\_\_\_ PHONE \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

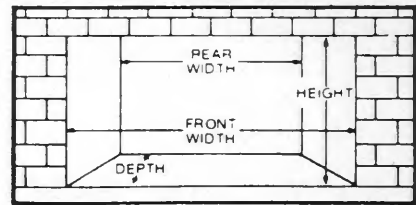
We would like to have free and without obligation, more information on your free Heat Machine\* for our home. In order to better help you estimate what size free Heat Machine\* would best fit our fireplace and how much we could save on our winter utility bills, we have filled in the following information:

Size of Home \_\_\_\_\_ Sq Ft  
Central Duct-work \_\_\_\_\_ Yes \_\_\_\_\_ No  
Clean Out Trap \_\_\_\_\_ Yes \_\_\_\_\_ No

Approximate winter utility bill:  
Electric: \$ \_\_\_\_\_ per mo. Gas: \$ \_\_\_\_\_ per mo.

Fireplace Dimensions:  
Height \_\_\_\_\_ inches  
Rear Width \_\_\_\_\_ inches  
Front Width \_\_\_\_\_ inches  
Depth \_\_\_\_\_ inches

(From front of opening to back of fire box.)

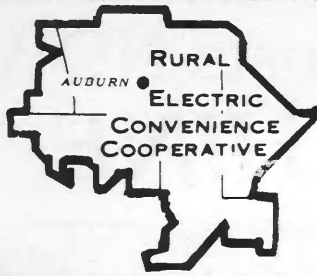


Clip and Mail Today To:

## **FREE HEAT DISTRIBUTORS, Inc.**

8744 East 46th • Tulsa, Oklahoma 74145 • (918) 663-3590

Illinois Distribution Handled through St. Louis Warehouse  
Some Areas in Illinois  
Still Available for Distributorships



# Rural Highlights

Board of Directors: Larry A. Fesser, President; Stanley Otten, Vice President; Herbert Niemeyer, Secretary-Treasurer; Harold W. Peper, Asst. Secretary-Treasurer; Halden Funderburk, Loren A. Rhea, Harold Bruntjen, Lynn D. McTaggart, Robert Burtle and Roy D. Goode, Manager.

RURAL ELECTRIC CONVENIENCE COOPERATIVE CO.

217-438-6813

AUBURN, ILLINOIS



*Tour group with plant in the background*

## Tour of Nuclear Plant Construction Site Highlights Young Cooperators' Clinton Trip

Thirty-eight persons, including members of the Rural Electric Convenience Cooperative Young Cooperators group, three directors and several employees of the cooperative, toured the visitors center and plant site of the nuclear Clinton Power Station Saturday, June 7.

The trip, directed by Manager Roy D. Goode and Member Services Director Wayne Fuchs, featured a film presentation and exhibit area tour at the visitors center of Illinois Power Company and an on-site inspection of the 950-megawatt plant, including a special tour of the inside of the reactor building.

Approximately 12 of the 18 couples presently in the young couples group participated in the activity and were joined by Mr. and Mrs. Larry Fesser of Pawnee, Mr. and Mrs.

Stanley Otten of Modesto and Mr. and Mrs. R. Halden Funderburk of Morrisonville, all members of the board of directors.

Fesser, president of the board, and Goode kicked off the tour of the plant site by explaining RECC's membership in Western Illinois Power Cooperative and WIPCO's 9.5-percent ownership participation in the plant, expected to be in commercial operation in late 1982.

The bus trip to the plant location in DeWitt County began in Auburn at 10 a.m. Saturday morning. Following lunch at the visitors center multi-purpose room, they reboarded the bus for the plant site tour, and then visited several areas of the cooling lake now being developed for recreational activities.

After the plant and lake tour,

Young Cooperators President Lynn Johnson of Farmersville conducted the organization's regular monthly business meeting. The Young Cooperators planned work detail schedules for the upcoming RECC Annual Meeting Saturday, August 23, at Northwestern High School, Palmyra. During that meeting, they will assist cooperative directors and employees in a number of ways including babysitting, small appliance sales, handing out programs and gifts to registering members and the drawing and distribution of door prizes.

Young Cooperators also discussed their upcoming 10th Anniversary Dinner, scheduled Saturday, September 6, at Owens' Country Restaurant, Interstate-55 at Illinois Highway 108.

# HONEST TO GOODNESS NO FOOLING

WE DO CARRY THE  
FOLLOWING TYPES OF  
APPLIANCES IN STOCK,  
YEAR 'ROUND

- *Air Conditioners*
- *Dehumidifiers*
- *Refrigerators*
- *Electric Heat*
- *Humidifiers*
- *Heaters*
- *Ranges*
- *Freezers*
- *Washers*
- *Dryers*



## Hotpoint

**Rural Electric Convenience Cooperative  
Auburn, Illinois**



# 40 BRAND NEW TOWELS \$1.75!

UNWOVEN COTTON OR RAYON — Assorted beautiful Pastel Colors. BRAND NEW — NOT Seconds — 40 Towels for \$1.75 or 80 for only \$3.35. 120 just \$4.95. Super Quality. Pls. include 50¢ extra for pstg. and hdlg. with EACH set of 40 Towels you buy. We know Towels — we've sold 70,000,000 already. Fund Raisers write for quantity prices. Money-Back Guarantee. No C.O.D.'s. Pls. allow up to 6 wks. for delivery.

40 TOWEL CO.  
315 No. 10th St.

Dept. A-852  
St. Louis, MO 63101

**★ FACTORY SPECIAL ★**

**THE CONTINENTAL** **\$324.95**  
★ 8 H.P. COMPARE AT \$549.95



BIG 26" CUT

"Not a Mustang. We have a 2" Bigger Cut" and Other Features

BUY DIRECT FROM OUR FACTORY & SAVE

**"WE ARE THE MANUFACTURER"**

Over 4,000 Big, Powerful 8 H.P. Briggs & Stratton engine Mark VM riders fully assembled, now only \$324.95. Dozer blade, grass catcher and other accessories available. Available in a smaller 5 H.P. at \$304.95. Order now or send for free brochure while they last!

**CONTINENTAL MFG. DEPT. ILC**  
3205 E. Abrams St. Arlington, Tx 76010  
WRITE OR CALL ANYTIME 817-640-1198



FINANCING  
NO  
PROBLEM!

## Have you been priced out of today's housing market?

### Miles Homes could be the answer!

If you have the ambition and desire to build your own home, then the Miles Plan could be for you. **THE MILES HOME OWNERSHIP PLAN IS UNIQUE.** Your desire and dedication are more important than ready cash — start now to build the home of your dreams...the Miles Way.

- Liberal credit — Low monthly payments while building.
- Foundation assistance.
- Land may not have to be fully paid for.

**Miles Homes**  
A Division of Insilco Corporation

- Pre-cut materials, blueprints, step-by-step instructions.
- 24 months to build.
- There is a representative near you. Phone: (612) 588-9700.

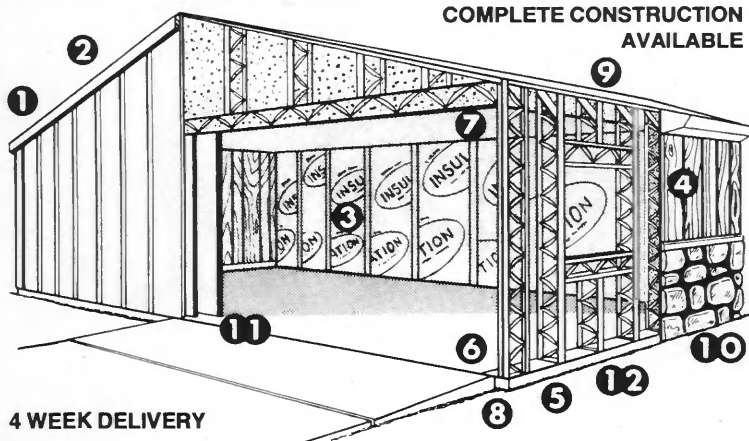
Miles has nearly 30 years experience helping over 15,000 families to build their own home. Send coupon today to see how Miles can help you.

Send me your FREE Great Homes Idea Book  
MILES HOMES, Dept. E004-0710  
(618) 586-2245 (815) 398-9819  
4500 Lyndale Ave. N., Minneapolis, MN 55412

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
County \_\_\_\_\_  
Phone (\_\_\_\_) \_\_\_\_\_  
 I plan to do all or  part of the work  
 \$1.00 enclosed for priority handling

# MELCO® ... a difference you'll like .

MELCO BUILDINGS are probably the lowest-cost, certified, pre-engineered steel buildings on the market.



4 WEEK DELIVERY

DEALER INQUIRIES ACCEPTED

contact your nearest MELCO dealer and let him show you the MELCO difference!

Vahling Building Company  
S. Rt. 45 — RR2  
Mattoon, Illinois 61938  
(217) 235-0228

Pioneer Steel Structures, Inc.  
8400 N. Industrial Road  
Peoria, Illinois 61615  
(309) 691-0673

1. 20 lb. snow load (minimum)
2. 4 On 12 roof slope (standard)
3. Accommodates minimum R-20 walls, R-30 ceilings
4. Apply finishing direct to studs and trusses
5. Close frame spacing for uniform strength
6. Lightweight for ease in construction
7. All steel framing
8. Structural members are rust-resistant hot-dipped galvanized steel
9. Welded haunch connections assure strength where it really counts
10. Save money when applying exterior siding or interior wall liner with closely spaced framing
11. Door & window framing members are pre-cut for fast easy installation
12. Roof and wall loads are distributed over more support points, minimizing foundation loads; save on cement & rebar.



If there is no dealer in your area, contact  
OZARK BUILDING SYSTEMS, Inc.  
P.O. Box 4942 G.S.  
Springfield, Missouri 65804  
(417) 736-2184

COMMERCIAL INDUSTRIAL RESIDENTIAL FARM

features, other things to give important consideration are:

Duct system — it must be properly designed and adequately sized, as heat pump performance is hampered, and some experts say mechanical problems are hastened, by inadequate duct systems particularly undersized air ducts.

Indoor thermostat — it should have two stages of heating, one of cooling.

Supplemental heat — automatic resistance-type heaters either in unit or in duct.

Heat switch — for manual activation of the resistance-type heaters, in case the compressor becomes inoperative; sometimes referred to as the emergency heat switch.

Outdoor thermostat — used to prevent the supplemental heat from switching on before needed, helping

to insure comfortable, efficient, economical operation.

Your cooperative's specialist can help you determine the size of unit needed. Don't make the mistake of thinking that big is best. Get the exact size needed.

Compare brands, price and value. Look for certification seals such as Underwriters' Laboratories and Air-Conditioning and Refrigeration Institute.

The EER, energy efficiency ratio, is a indication of the heat pump's

cooling efficiency. The COP, coefficient of performance, is an indication of its heating efficiency. The higher the EER and COP the greater the cooling and heating efficiency of the unit.

Shop for a reliable dealer. Ask about the total costs, remembering that the lowest bid may not be the best quality installation price. Check for parts and service availability. Be sure to compare service, warranty and service contracts as you do size and cost of the heat pump.

**\$195**

**Total Cost For Both Upper & Lower Dentures**

- High Quality at Budget Prices
- In by 10 a.m.; out that same afternoon with your new dentures
- Fitted by Licensed Dentists
- Will accept insurance and Medicaid
- Complete dental services offered.

**We'll meet your bus, make your motel reservations, if needed**

**Free hookup if you come by recreational vehicle!**

Write or call today for complete free details. You are not obligated in any way.

**Frederick C. Lauer DDS  
Mid-America  
Denture Clinic**

**Bus. Loop I-44 West, Rt. 3, Box 19C  
Mt. Vernon, Mo. 65712  
(417) 466-7196**

**our patients now number  
in the thousands . . . all the  
way from Maine to  
California, Canada to  
South America, Florida  
to Washington.**

# My Feet Were Killing Me...Until I Discovered the Miracle in Germany!

It was the European trip I had always dreamed about. I had the time and money to go where I wanted—see what I wanted. But I soon learned that money and time don't mean much when your feet hurt too much to walk. After a few days of sightseeing my feet were killing me.

Oh, I tried to keep going. In Paris I limped through Notre Dame and along the Champs-Élysées. And I went up in the Eiffel Tower although I can't honestly say I remember the view. My feet were so tired and sore my whole body ached. While everybody else was having a great time, I was in my hotel room. I didn't even feel like sitting in a sidewalk cafe.

The whole trip was like that until I got to Hamburg, Germany. There, by accident, I happened to hear about an exciting breakthrough for anyone who suffers from sore, aching feet and legs.

This wonderful invention was a custom-made foot support called Flexible Feather-spring. When I got a pair and slipped them into my shoes my pain disappeared almost instantly. The flexible shock absorbing support they gave my feet was like cradling them on a cushion of air. I could walk, stand even run. The relief was truly a miracle.

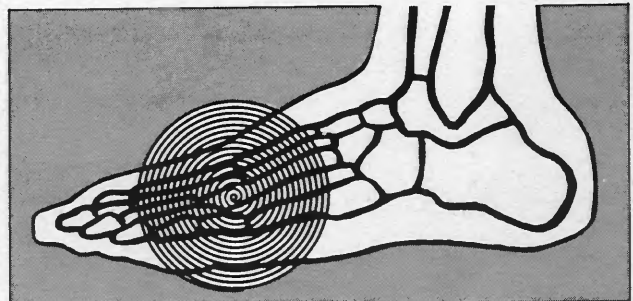
And just one pair was all I needed. I learned that women also can wear them—even with sandals and open backed shoes. They're completely invisible.

Imagine how dumbfounded I was to discover that these miraculous devices were sold only in Europe. Right then I determined that I would share the miracle I discovered in Germany with my own countrymen.

Over a quarter million Americans including those who have retired—many with foot problems far more severe than mine—have experienced this blessed relief for themselves.

Here's why Feathersprings work for them and why they can work for you. These supports are like nothing you've ever seen before. They are custom fitted and made for your feet alone! Unlike conventional devices, they actually imitate the youthful elastic support that Nature originally intended your feet to have.

Whatever your problem—corns, calluses, pain in the balls of your feet, burning nerve



ends, painful ankles, old injuries, backaches or just generally sore, aching feet, Flexible Feathersprings will bring you relief with every step you take or your money back.

**Don't suffer pain and discomfort needlessly. If your feet hurt, the miracle of Germany can help you. Write for more detailed information. There is no obligation whatsoever. No salesman will call. Just fill out the coupon below and mail it today.**

**WHAT PEOPLE SAY ABOUT THE MIRACLE:**

*Received my wife's Feathersprings two days ago. They are super—neither of us can believe the results. She has had terrible feet for years; already no pain. Incidentally, her sore knee is much better . . . As a retired physician, this result is amazing. Dr. C.O.C./Tucson, Arizona.*

*"My husband felt a great relief and no more pain. They are truly an answer to our prayers. Only wish that he had heard of them twenty years ago." Mrs. F. S./Metairie, Louisiana*

*"I have checked your corporation with (A Consumer Protection Agency), and received an excellent report." H.S.H./Louisville, Kentucky*

© 1980 Featherspring International Corp.  
13100 Stone Avenue, North  
Seattle, Washington 98133

**FEATHERSPRING INTERNATIONAL CORPORATION**

13100 Stone Avenue North, Dept. IR080  
Seattle, Washington 98133

YES! I want to learn more about Flexible Featherspring Foot Supports. Please send me your free brochure. I understand that there is no obligation and that no salesman will call.

Print Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

When in Seattle visit the Featherspring building.

# current lines from cooperative managers

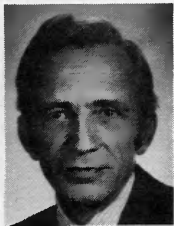
## Shelby

SHELBYVILLE, ILLINOIS

The summer is zooming right past us and it's time to get ready for winter. Although many heating systems are relatively maintenance free, others require a yearly routine of getting them ready for winter operation.

### All Furnaces

Read the owner's manual as it will help in understanding your heating system. All belt-driven models should be checked for belt wear and proper belt tension. Oil the motor if it has cups or plugs over the bearings on each end of the motor. Caution!



William E. LeCrone  
Manager

Do not over-oil. On belt models, oil the shaft bearings of the fan. Vacuum fan blades with care. The frames of furnaces and many other heating systems are grounded, therefore, a faulty vacuum cleaner could cause you to receive an electrical shock. On fossil fuel furnaces, check all flues and chimneys for leaves and bird nests. Check brick and rock chimneys for faulty mortar joints. Make sure ignitable items, such as clothing, cobwebs and paper are not too close to flues. Check all supply and return openings to be sure they are not blocked by furniture, drapes and other items.

### Wood Or Coal Burning Equipment

These vary greatly in type and design, but a good inspection of grates, fireboxes and chimneys should turn up possible trouble spots. Acquaint yourself with the danger of creosote deposits, especially in the chimneys.

### Individual Room Heaters

Check for foreign matter such as lint, paper and hair. Vacuum and turn them on while you can open the doors and windows. Burning the dust

off can be extremely irritating to the nose, eyes and throat. Lint should be blown out of thermostats. A hand hair dryer can be used for this, with the dryer on the cool setting.

### Word of Warning

If you attempt to service any

heating system, be aware of the possible hazards. If you fail to get the proper flame color, or have doubts about your ability to service your equipment properly, call an experienced serviceman. Your cooperative will be able to advise you of qualified servicemen in your area.

## Rural Electric

AUBURN, ILLINOIS

How much did you pay for the last gallon of gasoline you bought? Probably a lot more than you wanted to or thought you should, but you had to have it so you paid the price.

The situation is much the same with electricity. We're dependent on it for many things. For years it was a very inexpensive energy source. Now, you're probably paying a much higher electric bill than you used to and you aren't very happy about it.

You probably are not aware of the relationship between the price of the gasoline you buy and the price of the electricity you use. But it's important because the last increase in crude oil prices will affect the cost of providing electricity to you this summer just as it has already raised the cost of gas.

It has to do with peak demand — those times when a great deal more electricity is used by consumers than normally. To meet those high peaks, utilities have to use all kinds of generating facilities: the large, very efficient plants which burn coal, the smaller and older, less efficient plants, and those peaking plants which have to go into operation very quickly and therefore normally use oil.

Oil plays a vital role in the electric utility industry. In some areas of the country where coal is not as accessible or inexpensive as in Illinois, oil is a primary source of fuel for electric generation. In Illinois most of our base load power is produced by

coal, a very efficient and relatively low-cost resource.

But even in a coal burning plant, some oil has to be used to initiate the fire which is then fed and maintained by coal, heating water to create steam which turns the turbine generator. Although this requires far less oil than is needed in an oil-burning peaking plant, it is still a factor in the cost of power.

During the summer demand for electricity usually skyrockets on hot afternoons. That demand just cannot be met by everyday generating capacity so oil burning plants have to be put into service and fuel costs soar right along with electric use.

This summer you can help control peak demand for power and assist us in preserving our oil resources and help lessen our nation's dependence on imported oil. During the usual high demand hours of 10 a.m. to 8 p.m., avoid using appliances such as clothes washers and dryers, ranges and ovens and dishwashers. Curtail use of hot water as electric water heaters demand more energy than any appliance other than the air conditioner.

The air conditioner itself is responsible for a major share of our power supplier's annual peak demand. We know you're not going to shut it down on really hot days but you can regulate your air conditioner by setting the thermostat at 78 degrees or higher, and leaving it there. Avoid the use of heat-producing appliances.

These efforts will help in controlling the rising cost of electric energy, a cost which is largely based on the price of fuels used. In fact, about half of any major utility's operating expense is accounted for strictly by fuel purchase.



Roy D. Goode  
Manager



# Consumers are part of the environment, too!

Electric cooperative member-owners were concerned about their environment long before the early 1970's when it became fashionable to be an "environmentalist." Illinois electric cooperatives serve nearly 85% of all Illinois farms where maintaining the quality of air, water and land will determine whether or not Illinois continues to lead the United States in production of farm commodities for export.

We applauded the early attempts to bring air and water pollution under control. Later we stood by in shock as single-purpose "environmental" and "consumer" groups stampeded the U.S. Congress and our state Legislature into an avalanche of laws designed to bring about clean air, clean water, protection of endangered species, protection of historic sites and on and on . . .

As new state and federal regulatory agencies began cranking out more than 10,000 new regulations a year to implement those hastily approved laws, we

watched in horror as the time required to bring a new power plant on line increased from three or four years to as long as 10 years and the cost of regulation mounted to 30% or more of the consumer's electric bill.

It's time to recognize that poverty and inflation are environmental hazards that affect the quality of life of consumers everywhere. It's time to call on our elected officials and regulators to bring reason into the regulatory maze that has resulted from a hodge-podge of carelessly and thoughtlessly written laws. It's time to recognize the vast difference between clean air and pure air; between clean water and pure water, between protecting an endangered species such as the bald eagle and protecting such insignificant species as the snail darter and the furbish lousewort. It's time to view the consumer as part of the environment, not its enemy.

Let's balance our environmental concerns with the concerns of consumers to improve their quality of life.



## *Electric Cooperatives of Illinois*

*Energy: today and tomorrow*



Tim Reeves

R.T. Reeves

## Board selects son as successor

# Southern's Reeves retiring

**R**T. "Tom" Reeves, manager of Southern Illinois Electric Cooperative, Dongola, has announced plans to retire after almost 40 years of service to the cooperative. He will step down at the end of this year.

Floyd Dillow, Dongola, president of the cooperative's board of directors, said the board has selected Tim Reeves, 32-year-old son of the retiring manager, to succeed his father as manager of the electric distribution cooperative which serves approximately 9,000 member-owners in parts of six counties.

"Tim Reeves has been involved with the rural electrification program for most of his lifetime," Dillow said. "He has excellent qualifications for the job. Of course, I've known him all his life, and he came to us with good recommendations from Egyptian Electric Cooperative Association, where he's worked for the last six years. He's well qualified and I think he'll do a good job for our members."

Jim Holloway, manager of Steeleville-based Egyptian, echoed Dillow's remarks. "I thought Tim had a lot of talent and good potential," Holloway said, "and I elevated him to staff assistant in 1976 and promoted him to assistant manager two years later. He'll be sorely missed here. He has the

background for the job, and he should make an excellent manager.

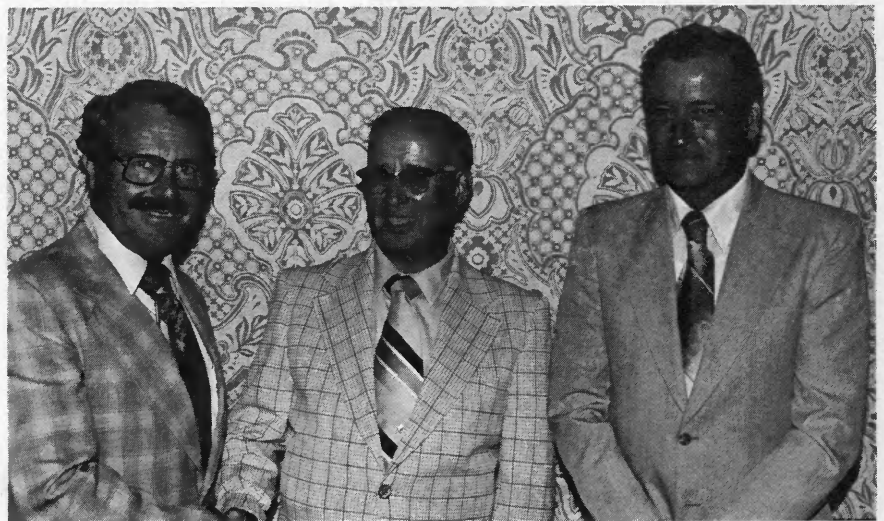
"The real beneficiaries of this succession are the members of Southern Illinois Electric Cooperative — they're getting an excellent manager," Holloway concluded.

Tom Reeves has worked at Southern for 38 years, with three years out for wartime service with the U. S. Navy. He began work as office manager, and became manager of the cooperative in 1954.

Dillow praised Tom Reeves for his management ability and leadership in helping the cooperative face challenges and solve problems over the years. "One of our big problems was power supply," Dillow said, "and we all had something to do with getting Southern Illinois Power Cooperative going and getting the plant at Marion built. Naturally, Tom was right in the middle of it all. He's had a fine relationship with the entire board and we've been very happy with him. He's done a fine job, I'd say."

Reeves and his wife, Eulita, plan to do some traveling after retirement, and perhaps to spend their winters in warmer climates, and Tom expects to get in some fishing and golfing.

The younger Reeves and his wife, Carol, have a two-year-old daughter, Cherie. He served three years in the U. S. Army, achieving the rank of First Lieutenant, and graduated from SIU-Carbondale in 1973. He worked for a household products firm for a year before joining Egyptian Electric Cooperative.



Glen Morton of Paloma, left, Adams Telephone Co-Operative director, has been elected president of the Illinois Telephone Cooperative Association. Also elected at the ITCA annual meeting at Springfield in July were Wilson Barclay of Macomb, center, McDonough Telephone Cooperative director, who was reelected secretary-treasurer, and Sheldon Orwig, of Smithfield, a director of Mid-Century Telephone Cooperative, elected vice president. Eldon Snowdon, manager of McDonough Telephone Cooperative, was elected chairman of the advisory council, and Jack Douglas, manager of Adams Telephone Co-Operative, was named vice chairman.

Obituary

**John F. Temple,  
former IREN editor**

John F. Temple, editor of the *Illinois Rural Electric News* from 1961 until 1973, died August 9 in Springfield, following a long illness. Temple, who was 72, was one of the most widely known and deeply involved electric cooperative leaders. His warm personality and sincere interest in cooperatives and their people helped achieve friendship and

respect across the state and nation. He was a familiar face at electric cooperative meetings across the state.

Born in Petersburg, Indiana, Temple was the son of the Rev. and Mrs. H. C. Temple. "Home" was Salem, where his father retired as minister of the Salem Presbyterian Church. He was graduated with a degree in journalism from the University of Illinois and worked as a reporter and photographer for the *Illinois State Register*, *St. Louis Star-Times* and the Associated Press.

In 1950 he joined with his brother, William, in the operation of the *Wayne County Record* at Fairfield, and served as editor and co-publisher of that newspaper from 1950 to 1961.

**Small farms are not on the way out in the midwest!**



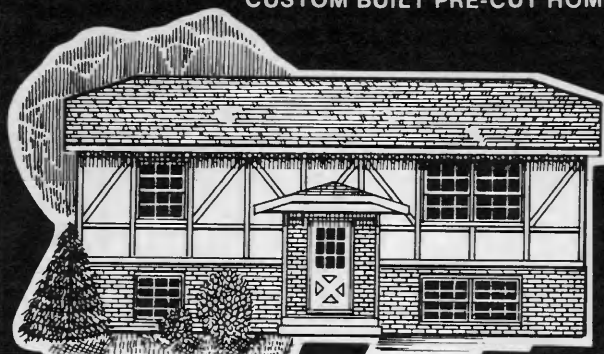
**They are alive and well growing vegetables for local markets with Hygroponic Greenhouses.**

If you qualify, join the hundreds of successful growers using the completely soil less (nutrient flow) Hygro-Flo Tube growing system to replace poor quality shipped in vegetables and high transportation costs for their local markets. Turn a modest investment into a highly profitable year around income business. Don't miss this opportunity to produce a product that is always in demand. . .food! The internationally successful patented Hygro-Flo™ Tube System, the system of the '80s, takes the guess work out of growing. Hygroponics, Inc. will equip, train and guide the dedicated grower to success with continuous free assistance. See a greenhouse in your area. Be as big a mini-farmer as you like. Call or write us today for free information on how Hygroponics can fit into your future.

**All New Mid-Size Homes  
As Low As  
\$100 Down - \$259.26/Mo.\***

Announcing: affordable homes for the '80s. Our "Vice President" series offers full-size quality, mid-size efficiency, and new low price. We offer below-market financing on everything we deliver — including materials and labor. No hidden costs. No closing costs. Find out how you can enjoy the freedom, pride and security of a home of your own. Beat the high cost of housing. Send coupon today for our all new FREE CATALOG.

**PRESIDENT HOMES**  
A DIVISION OF HARVEY BUILDERS, INC.  
CUSTOM BUILT PRE-CUT HOMES



**10.4%  
financing  
FREE  
CATALOG**  
\*excluding taxes and insurance.

**WRITE FOR YOUR LOCAL ILLINOIS  
PRESIDENT HOMES REPRESENTATIVE**

IL-30  
Mail coupon to: PRESIDENT HOMES 4808 NO. LILAC DR.  
MINNEAPOLIS, MN 55429 (612) 537-3622

Please Send Free Color "Vice President" Catalog Today To:

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ Phone \_\_\_\_\_

We would like to be in our new home by: \_\_\_\_\_  I own a lot  I can get a lot

**SAVE \$  
SEND  
COUPON  
TODAY!**

PLEASE SEND ME FREE INFORMATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

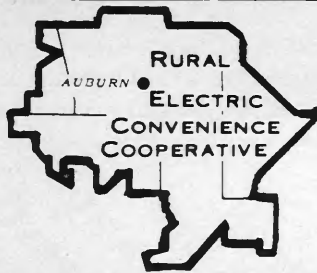
CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE \_\_\_\_\_



**TROY HYGRO-SYSTEMS, INC.**  
4096 CTH-ES  
EAST TROY, WI 53120  
PHONE 414/642-5928





# Rural Highlights

Board of Directors: Larry A. Fesser, President; Stanley Otten, Vice President; Herbert Niemeyer, Secretary-Treasurer; Harold W. Peper, Asst. Secretary-Treasurer; Halden Funderburk, Loren A. Rhea, Harold Bruntjen, Lynn D. McTaggart, Robert Burtle and Roy D. Goode, Manager.

RURAL ELECTRIC CONVENIENCE COOPERATIVE CO.

217-438-6813

AUBURN, ILLINOIS

## Electric consumption declines for first time

For the first time in the 43-year history of Rural Electric Convenience Cooperative, the average member reduced consumption of electricity last year. Manager Roy D. Goode reported at the cooperative's annual meeting, August 23, at Northwestern High School, Palmyra, that not only did kilowatt-hour usage per member decline but also the cost per kilowatt-hour.

Besides hearing reports from Goode the other officers, those at the meeting also saw the initial distribution of more than \$60,675 in capital credits being returned to active members who received electric service from the cooperative in 1953. This was the third year in a row that your electric utility has distributed refund checks at the annual meeting.

Capital credit refunds cover margins earned by an electric cooperative. Margins are the amount of electric cooperative members pays for electricity over and above the actual cost to provide that service. Active members not attending the meeting will receive their checks in the mail

in the near future, Goode reported.

In the annual election of directors, members reelected Herbert Niemeyer of Auburn, Lynn D. McTaggart of Pawnee and Larry A. Fesser of Farmersville to three-year terms on the cooperative's governing board.

After giving members the good news that electricity costs had declined during 1979, Goode cautioned that some members' bills may not have declined due to increased electricity usage, but that on the average, bills were down. The average member of the cooperative used 1,338 kilowatt-hours of electricity per month during 1979, compared with 1,351 kilowatt-hours the year earlier. Overall, total kilowatt-hours distributed by the cooperative increased by nearly 700,000 as membership increased from 4,593 to 4,683.

Despite the decline in cost per kilowatt-hour during 1979, Goode indicated that higher costs lie ahead. "With interest costs up and debt service cost up and with fewer kilowatt-hours being sold," he said, "you can readily understand that

the unit cost must increase. As your cooperative's power costs increased and your debt service and interest increase, the cycle continues in an upward trend."

Terming this a "topsy-turvy world," Goode recalled that in former years utilities promoted increased use of electricity to achieve economies of scale. "All that has changed due to inflation and increasing interest and fuel costs," Goode said. "Your cooperative has always advocated conservation of electric energy — use what you need — need what you use."

"Now you have people on your cooperative staff qualified to provide energy audits, examine your residence and make recommendations to make your home more energy efficient and determine the feasibility of making changes to conserve energy."

President Larry Fesser reported that the financial impact of the 1978 Easter ice storm is still being felt. He said the equity level of the cooperative has decreased by 15 percent from the 47 percent before the 1978 ice storm.

Fesser reported another \$940,000 loan has been approved by the Rural Electrification Administration at the favorable interest rate of two percent. "We believe this to be the final loan because of the devastating ice storm," he said. "This brings the total to \$5,440,000 spent by the cooperative to restore its facilities."

Fesser outlined a number of steps the cooperative is taking to try to minimize electric outages in the future. "Perhaps the cooperative will never be able to guarantee the absence of outages," he said. More than 50 miles of three-phase feeder line have been placed underground and another nine miles is now under construction. Rural electric members opened their annual meeting with a 7:30 breakfast served by the Palmyra Lions Club.



Large turnout for annual meeting

# HONEST TO GOODNESS

# NO FOOLING

WE DO CARRY THE FOLLOWING TYPES OF APPLIANCES IN STOCK, YEAR 'ROUND

- *Air Conditioners*
- *Dehumidifiers*
- *Refrigerators*
- *Electric Heat*
- *Humidifiers*
- *Heaters*
- *Ranges*
- *Freezers*
- *Washers*
- *Dryers*



## Hotpoint

Rural Electric Convenience Cooperative  
Auburn, Illinois

energy  
efficiency

# Plenty of homework to do before starting insulation project

It is not difficult to answer the question of whether or not you should insulate. The answer would surely be "Yes, I should insulate." The more difficult questions to answer are, "When, how and with what will we accomplish the task?" Each individual homeowner should analyze this particular situation and then proceed from that point.

Very basic questions must be answered prior to calling a contractor or attempting to purchase material. Those questions include, "Should we insulate ceiling, sidewall, floor or all three?" What materials would be best suited for our application? Would it be best to hire a contractor or do all or part of the insulation ourselves? These and many other questions should be considered prior to the actual

installation. This is, perhaps, an oversimplification of the procedure. There are, however, many homeowners who are unfamiliar with what needs to be done, what is available, and what their best method of installation of insulation would be.

With the proper amount of thought given prior to the installation, quality control can be assured from the beginning to the end of the process. For help in discussing your particular application with a qualified third party, you could get expert advice from your local power use advisor. He will be knowledgeable about what's available, who the installers are in your area, and he can help explain the recommendations for adequate insulation and help analyze your investment payback.

To: A.I.E.C. Publications  
P. O. Box 3787  
Springfield, Illinois 62708

Please mail me \_\_\_\_\_ copies of the publication  
"Home Weatherization"  
(For each copy, enclose \$1.00 to cover the cost of the  
book and pay postage and handling.)

Please Print Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

## For do-it-yourselfers

### Tools

1. Temporary lighting



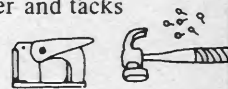
2. Temporary flooring



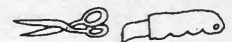
3. Duct or masking tape (2" wide)



4. Heavy duty staple gun and staples, or hammer and tacks



5. Heavy duty shears or linoleum knife to cut batts or blankets and plastic for vapor barrier



For an example of the type of considerations which must be made, let us single out the outside wall area of an existing structure and make plans to insulate it. To begin with, we must first determine whether or not there is material in the wall cavity. This can be checked in some cases by removing electrical cover plates or removing trim boards in places, or may require drilling general test holes. If the cavity is found to contain some insulation, then a more thorough examination should take place to determine whether or not the walls should be reinsulated. Adding insulation to the walls which already contain insulation is difficult and the effectiveness of the addition is questionable.

If the determination is made that no insulation exists in the wall cavity, one must then decide on a particular material. This material could be foam, cellulose fiber, mineral wool, fiberglass, or vermiculite. All these materials can be blown in place with the wall cavity intact.

There are different techniques for installing insulation materials in the



# SAVE SEPTIC TANK PUMP-OUTS!

with **Septictrine**  
THE 5 NATURAL ENZYME SEPTIC WASTE DIGESTER



- ELIMINATES**
- FOUL ODORS
  - CLOGGING
  - BACK-UPS

- An exclusive blend of 5 natural enzymes that completely liquifies ALL waste solids, including HOUSEHOLD TOILET PAPER and FACIAL TISSUES.
- Regular use reduces costly pump-outs! Some customers report they never had to pump out since using Septictrine!
- ECONOMICAL to use...2ozs. every other week assures a clog-free, free flowing system.

## DRAINTRINE

NATURAL ENZYME DRAIN CLEANER



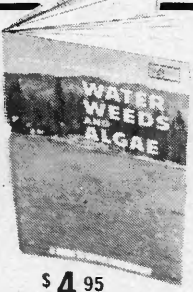
- The NEW...SAFE way to CLEAN DRAINS
- Non-Poisonous
- Non-Caustic
- Will not Harm Plumbing
- Ideal for Garbage Disposals

**FREE!**  
with purchase of 3-lb. container SEPTICTRINE

**5 00**  
VALUE

### The ONLY Complete Guide to WATER WEED and ALGAE CONTROL at Lakes & Ponds.

This full-color guide graphically describes and illustrates the most common water weeds and algae. Experts present recommended control methods...everything you need to know about this critical subject.



\$ 4 95

1979 Revised Edition

For Solutions to ALL your problem water areas - LAKES & PONDS • SEWERS • SWIMMING POOLS • LIVESTOCK WATER • RV HOLDING TANKS.

BROWN DEER CO. Dept. 1L-1180  
9600 N. Garden Dr., Mequon, WI 53092  
Here's my check \_\_\_\_\_ M.O. \_\_\_\_\_  
Send: \_\_\_\_\_ 1# Trial Size - \$8.95  
\_\_\_\_\_ 3# w/Free Draintrine - \$22.95  
Send me \_\_\_\_\_ copies of HOW TO IDENTIFY AND CONTROL WATER WEEDS AND ALGAE. Enclosed is \$ \_\_\_\_\_  
Send me your Free Catalog

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_

For quicker delivery of your order, call TOLL-FREE 1-800-558-5106, 8:30 AM - 5 PM CST, Weekdays.

Lincoln Land Community College  
(Continued from page 5)  
fans, two in each of three buildings, ran continuously. The system had to be shut down manually when the college was closed. Now, the computer shuts down the fans — on an alternating basis — for 15 minutes each hour and controls the amount of outside air that is mixed into the system. The computer, which cost \$65,000, is expected to save more than \$40,000 a year.

Another facet of the school's energy-saving drive was reflected in the scheduling of a four-day week during the nine-week summer session in 1978. With electrical costs running anywhere from \$600 to \$1,000 a day, costs were expected to be reduced by about 20 percent. In addition, students and faculty members were able to avoid driving to school a day a week, so fuel costs were effected, too.

LLCC has also undertaken a long-range energy conservation plan with a three-stage priority system. High priority items are those with a high cost-effectiveness. The plan covers everything from installing more

efficient parking lot lights to integrating a 3,000-watt wind generator into the school's electrical system.

Under the program, lower-wattage fluorescent tubes have been installed in areas where a slight reduction in light would not be detrimental, and an incandescent track-mounted lighting system in the student game-room was replaced by a ceiling-suspended fluorescent setup. The school has an experimental solar collector system which is expected eventually to provide a substantial part of the heating and cooling requirements for Mason Hall, one of the buildings on campus.

Using a 13.7-percent annual average rate of increase for fuel costs, the school's architects project a savings of \$8-million in the next 20 years, even if only stages I and II are completed. And with the Hot Line School teaching improved techniques and safety to linemen from all over the state, there may be several lives saved, too, thanks to the forward-looking leadership at Lincoln Land Community College.



**FINANCING NO PROBLEM!**

# Have you been priced out of today's housing market?

## Miles Homes could be the answer!

If you have the ambition and desire to build your own home, then the Miles Plan could be for you. THE MILES HOME OWNERSHIP PLAN IS UNIQUE. Your desire and dedication are more important than ready cash — start now to build the home of your dreams...the Miles Way.

- Liberal credit — Low monthly payments while building.
- Foundation assistance.
- Land may not have to be fully paid for.

- Pre-cut materials, blueprints, step-by-step instructions.
- 24 months to build.
- There is a representative near you. Phone: (612) 588-9700.

Miles has nearly 30 years experience helping over 15,000 families to build their own home. Send coupon today to see how Miles can help you.

**Miles Homes**  
12 Insilco A Division of Insilco Corporation

Send me your FREE Great Homes Idea Book  
MILES HOMES, Dept. E004-1110  
(618) 586-2245 (815) 398-9819  
4500 Lyndale Ave. N., Minneapolis, MN 55412

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
County \_\_\_\_\_  
Phone ( \_\_\_\_\_ ) \_\_\_\_\_  
I plan to do  all or  part of the work  
 \$1.00 enclosed for priority handling



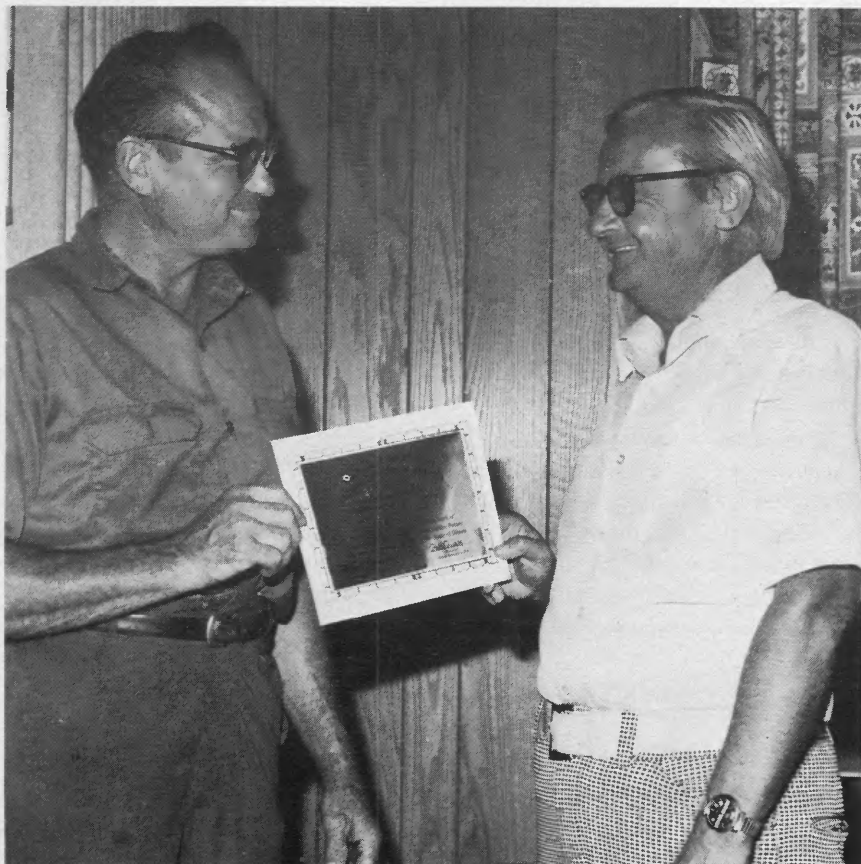
# Rural Highlights

Board of Directors: Larry A. Fesser, President; Stanley Otten, Vice President; Herbert Niemeyer, Secretary-Treasurer; Harold W. Peper, Asst. Secretary-Treasurer; Halden Funderburk, Loren A. Rhea, Harold Bruntjen, Lynn D. McTaggart, Robert Burtle and Roy D. Goode, Manager.

RURAL ELECTRIC CONVENIENCE COOPERATIVE CO.

217-438-6813

AUBURN, ILLINOIS



Roy Goode, manager, receives the Certificate of Award from William A. Ayers in recognition of 26 years of contribution to the Illinois Foundation of Future Farmers of America.



Grounding neutral on underground

## Grounding vital for underground feeder neutrals

When your cooperative installs underground feeder lines, it is very important to have proper grounding of the neutral. Every 1,300 feet a five-eighth inch, 8 foot copper ground rod is driven into the bottom of the trench 18 inches away from the feeder cables. This makes the tip of the ground rod 11 feet into the earth.

A solid 1/0 copper wire is fastened to each neutral of each feeder and then fastened to the ground rod. After the connections are made they are completely water-proofed with proofing material.

Your cooperative has completed nearly 60 miles of underground feeder lines.

## What is a kilowatt-hour?

The basic measure for electricity use is the kilowatt-hour (kwh), which is the amount of energy required to operate a 100-watt bulb for 10 hours. Your electric bill indicates the exact number of kwh used, as determined by the reading of the meter, which is one of the most accurate measuring devices in use by the public today. The amount of your bill is based on the number of kwh you use, of course.

A relatively few appliances account for most residential electric use, excluding house heating. They are the range-oven, refrigerator, water heater, air conditioner and clothes dryer. All the energy used by small

appliances probably amounts to less than a third of the electricity consumed by your electric water heater in a year's time, so do not discard your electric toothbrush. It usually costs less than two cents a year to operate.

Here are some useful tips:

1. Use appliances according to the manufacturer's directions.
2. Have them repaired immediately at the first hint of malfunction;
3. Read the warranty to know the manufacturer's obligations as to service and repair.
4. Keep furnace and air conditioner filters clean.

5. Ventilate your attic, where temperatures can build up to 150 degrees in summer.

6. Set your heating system at 65 degrees F. in the winter and air conditioner at 78 degrees F. in the summer.

# CLOSE-OUT SALE

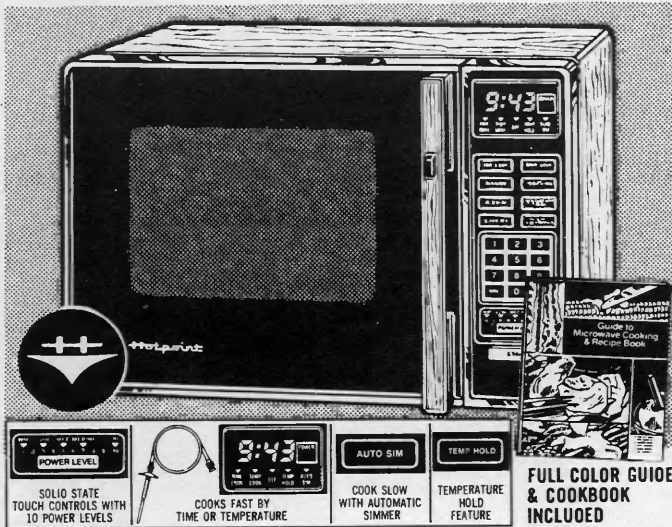
## NOTICE

Your Cooperative's board of directors voted to discontinue the sales and service of Hotpoint appliances effective January 1, 1981.

Any member who wishes to take advantage of discount prices on any Hotpoint appliance may do so until that time by calling the Cooperative office.

Information can be furnished to any member relative to future service on appliances from someone in their area by calling our office.

**Hotpoint**  
**SAVE**  
**ON THIS DELUXE MICROWAVE!**  
QUALITY  
HOTPOINT ... GREAT LOW PRICE!

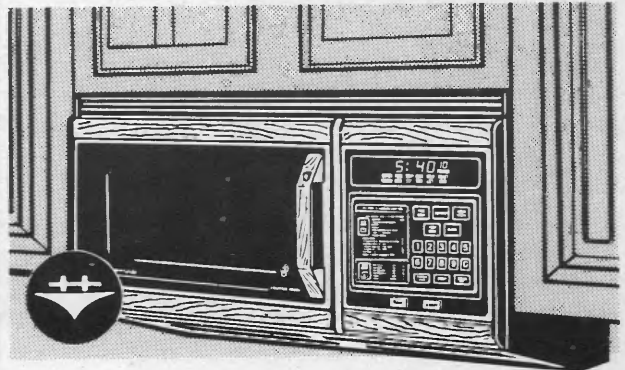


Deluxe microwave with large 1.3 cu. ft. capacity 10 Power level settings with indicator lights Handsome simulated wood grain cabinet with black glass front Cook and Hold feature.

**just \$399.95**

**Hotpoint**

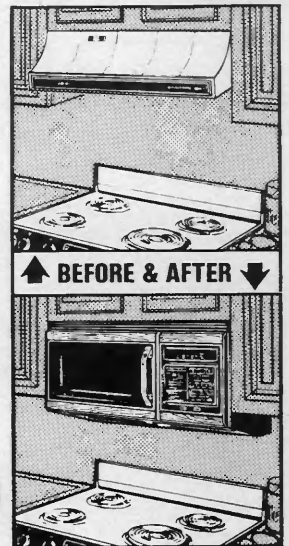
**Hotpoint**  
DELUXE NEW Counter Saver™ ANSWERS YOUR  
**HIGHEST HOPES!**  
HIGH-MOUNTED  
VERSATILE MICROWAVE ASSURES  
YOU OF PROPER COOKING, AUTOMATICALLY!



**NEW Counter Saver™**  
**INSTALLS OVER YOUR**  
**PRESENT COOKTOP ...**  
**GIVES YOUR KITCHEN**  
**A CUSTOM LOOK!**

Enjoy the finest of microwave cooking convenience with no lost counterspace Cooks by time, temperature, or automatic sensor control Solid-state touch control pads 10 Power levels Digital readout panel Built-in 2-speed exhaust fan and light Full-width cooktop light Extra-wide 16" oven interior.

Model RVM54



**just \$610**  
**Hotpoint**

**Rural Electric**  
**Convenience Cooperative**  
Auburn, Illinois



## Electric and telephone cooperatives praised for rural life contributions

**E**lectric and telephone cooperatives were cited as being strong developmental influences in improving rural life by the Senior Vice President of the Cooperative League of the U. S. A. during a banquet officially marking the observance of October as Cooperative Month.

Dr. Allie Felder paid tribute to Illinois' and the nation's rural electric and telephone cooperatives, as well as the more than 400 cooperatives which are active in Illinois.

He said Illinois might very well be called the "cooperative king" as he noted that variety of cooperative organizations made up of hundreds of thousands of Illinoisans.

More than 300 Illinois cooperative leaders attended the banquet, a buffet-style dinner held at the Governor's Mansion in Springfield. The function was the initial observance of Cooperative Month, and was followed

during the rest of October by activities on the local level. As in the past, the Cooperative Month observance was coordinated by the Illinois Cooperative Coordinating Committee.

Dr. Felder recalled the beginning of the cooperative movement in Europe, saying that American cooperatives developed in four ways: immigration of Europeans to this country, incidental discovery of

*Thomas H. Moore, Executive Vice President and General Manager of the Association of Illinois Electric Cooperatives, addresses the more than 300 Illinois cooperative leaders who attended the Cooperative Month banquet October 6 in Springfield. Looking on are Illinois Director of Agriculture John Block (left), featured speaker Dr. Allie Felder (right) and Glenn Webb, master of ceremonies.*

cooperatives by Americans traveling in Europe, lessons earned through direct contact with foreign cooperatives through the International Cooperative Alliance and deliberate investigations of the European cooperative movement by presidential commissions organized as early as the first part of this century.

He noted that credit unions form the largest bloc of cooperatives, enrolling approximately 31.5-million Americans. Agriculture marketing and supply cooperatives handle more than 37 percent of the agriculture products in the country, 75 percent of the dairy products, 40 percent of the grain, 30 percent of the cotton, 30 percent of the fruits and vegetables, 40 percent of the petroleum, 35 percent of fertilizer and 32 percent of all agriculture chemicals.

Dr. Felder is a graduate of the University of Illinois with a master's degree in rural sociology and economics.

Glenn Webb of Tunnel Hill, newly elected Chairman of the Board and President of Growmark, Inc., served as master of ceremonies. Webb is the son of Ray Webb, former Southeastern Illinois Electric Cooperative and Southern Illinois Power Cooperative Director. He also is a brother of present Southeastern Director Kenneth Webb.

