

### 'Cyrogenics' May Permit Man To Look at Atom

Los Angeles (AP) — Ever actually "see" an atom; that is, outside a diagram in a textbook?

General Electric Co. says a new applied science called "cyrogenics" may permit man for the first time to see the elusive, little particles of which the universe is composed. Cyrogenics basically is the science of refrigeration.

GE says it foresees the possibility of a new type of "magnetic" lens, using recent findings in cyrogenics, with the lens applied to an electronic microscope.

At its General Engineering Laboratory in Schenectady, N. Y., GE says it is studying particularly the "strange behavior" of metals near absolute zero.

This is about 400 degrees below zero Fahrenheit.

At such low temperatures, according to GE, certain metals completely lose their resistance to the passage of electric current.

It is the application of this phenomenon — known as "superconductivity" — that laboratory engineers believe may make possible a magnetic lens with the enormously increased "resolution" needed to behold an atom.

One possible use of a microscope with this "great power," GE explains, would be in the study of the makeup of specific molecules. This, engineers say, could lead to a new understanding of how each cell passes on the various patterns of an organism.

It might also show how viruses reproduce and how to prevent the spread of virus diseases.

"I am convinced we are about to enter an era where developments of great import to mankind will stem from application work in this relatively new field," said James F. Young, general manager of the laboratory.

# SAFEWAY



Be sure to shop early . . . Buy for that picnic and holiday trip.  
**Open Monday, July 4th**

Be sure to have plenty of fresh bread, milk, meats and vegetables on hand for the holiday weekend.

# Big Family Fun Day Coming Up!

Celebrate the 4<sup>th</sup> with these "fun foods" from SAFEWAY...

Holiday time brings the chance for more family fun and for fine fellowship with friends. Naturally, good food and good times go together! So we bring Safeway shoppers a fabulous array of delicious fun foods especially for this holiday event. Whether you're planning a picnic, backyard barbecue, patio dinner, beach party, mountain outing or at-home fun, we have the foods to suit your needs.

Safeway's low prices will save you money, too!

Picnic Perfect! Plump, tender 'n juicy, 2 to 3-lb.

## Fryers 39¢ lb.

Mouth-watering . . . that's the best word for Safeway fryers! They are loaded with tender, good eatin' meat that practically melts in your mouth. And m-m-m . . . the flavor! You see, Safeway fryers are specially bred and raised. Spoillessly clean, ready to fry, roast, barbecue. Here's chicken that's really good!

**39¢ lb.**  
Cut Up Fryers lb. 43¢  
From 2 to 3 lbs.

Safeway or Del Monte  
**WIENERS**  
A real favorite for hearty picnic appetites. See how you save on the 5-lb. pkg.  
5-lb. pkg. \$2.39  
1-lb. pkg. 49¢

**JOHNSON MODEL BAKERY**  
Angel Food Cakes—Plain  
Reg. Price 89¢ Medium 69¢  
Reg. Price \$1.10 Large 79¢  
Buns Hamburger or Hot Dog . . . Doz. 48¢  
German Choc. Cakes 1<sup>25</sup>  
25 Gold Bond Stamps With Each Cake

**SAFEWAY DAIRY FOODS**  
3.8 Milk Lucerne. Save 2¢ qt. 4 gal. \$1.84  
on quantity purchase.  
Eggs AA extra large. Guaranteed fresh. 2 doz. 99¢  
"AA" Butter Lucerne sweet cream. 1-lb. pkg. 69¢

**PICNIC BASKET NEEDS**  
Wax Paper Cut-Rite 125 ft. roll 29¢  
Reynolds Foil Keeps foods extra fresh. 25-ft. roll 35¢  
Paper Plates Chinnet divided pkg. 12 39¢  
9" Paper Plates Fiesta white pkg. 40 59¢  
Dixie Hot Cups pkg. 15 39¢  
Dixie Cold Cups pkg. 48 59¢

**MORE HOLIDAY ITEMS**  
Marshmallows Fluff-est Extra Fresh 1-lb. 33¢  
Kool-Aid 13 flavors. Instant mixing. 6 pkgs. 29¢  
Pream Instant dry cream. 4-oz. jar 33¢  
Van Zee Cheese Pasteurize process 2 lbs. 69¢  
Pickles Del Monte sweet dills. 16-oz. jar 49¢  
Zippy Pickles Whole sweet. 16-oz. jar 39¢  
Sweet Pickles Mixed 16-oz. jar 35¢  
Cucumber Chips Zippy fancy. 16-oz. jar 25¢  
Mustard Morehouse Western. 20 1/2-oz. jar 25¢  
Multi-Grain Bread Sky-lark, 2¢ off. Reg. 29¢ value. 1-lb. loaf 27¢  
"Best" Beef Finest Eastern. 6 12-oz. cans 89¢

Lucerne Orange Drink  
Grape or Half Gal. 29¢  
A refreshing, ready-to-pour non-carbonated drink.

"Safeway" Cheese  
Medium sharp, Kamin-Ost, club, and sharp snack bar; sharp cheddar. 1-lb. 59¢  
In 12 oz., 20 oz. and 28 oz. pkgs. approx. weight.

White Star Tuna  
All light meat chunk style tuna 4 No. 1/2 tins 89¢

Fancy Ripe Olives  
Town House Standard 5 No. 1 tins \$1  
Stuffed Olives Empress giants 15-oz. jar 69¢

**Picnic Baskets Just Love Safeway Foods! You Will Too**  
**TUNA** Sea Trader Finest quality Light Meat; Why pay more 4 No. 1/2 tins 85¢

**Pineapple-Grapefruit Juice** 3 46-oz. tins 85¢

**Paper Napkins** pkg. of 60 10¢

**Pork 'n' Beans** 5 No. 2 1/2 tins \$1.00

Lucerne Party Pride "4th of July Special"  
**ICE CREAM** Half Gal. 79¢  
EXTRA RICH ICE CREAM. 7 delicious flavors. We think it wonderful. Try some and see for yourself.

**Watermelons** 4 1/2 lb. 49¢  
Tender, golden ears of Sweet Corn 5 ears 39¢  
Perfect for picnic barbecuing or boiling

**FREE LETTUCE** Reg. 2 for 29¢ Head of  
when you buy a jar of ROD'S SALAD DRESSING at the regular price.  
4 varieties to choose from.  
ROQUEFORT 8-oz. jar 63¢  
or Swiss Cheese 8-oz. jar 49¢  
SOUR CREAM or 1000 Island 8-oz. jar 49¢

**Quicker Coolin' Cragmont**  
Orange Soda • Sparkling Punch  
Lemon Lime • Cola • Root Beer  
in 12 oz. 6 tins 59¢

**More "Garden Room Specials"**  
Golden Bananas Slowly ripened a butter way 1 lb. 19¢  
Seedless Grapes Thompson's seedless 1 lb. 29¢  
Head Lettuce Crisp 'n' solid. Tops for salads & sandwiches 2 hds. 35¢  
New Red Potatoes No. 1's. Enjoy 'em with fresh local peas 10 lbs. 49¢  
Red Haven Peaches Tree-ripened sugar-sweet 1 lb. 19¢  
Ripe Tomatoes Red-ripe beauties Perfect slicers 1 lb. 29¢

Prices in this advertisement are effective through Sunday, July 3rd, at Safeway in Medford. We reserve the right to limit.

**All Safeway Meats Are Guaranteed 100%**  
Beef Pot Roast 49¢ lb.  
Grade 'A' Turkeys 39¢ lb.  
Canned Hams RATH'S Black Hawk, 4-lbs. ea. \$3.49  
Luncheon Meats 59¢ lb.  
Tender, Hickory smoked hams. Cooked, ready to eat.  
Veal, Olive, Pickle Pimento, Large Bologna and Lean Spiced Lunch Loaf

**Successful Holiday Picnics Start at Safeway!**  
Pineapple Juice Lalani Brand A money saver 4 46-oz. cans \$1  
Mayonnaise Piedmont fine quality, Reg. 59¢ each value. quart 49¢  
Zippy Relish Tops for hot dogs or hamburgers. 11-oz. bl. 29¢  
Fresh Buns HOT DOG or HAMBURGERS Stein's oven-fresh in the sealed cello wrapped packages pkg. 34¢  
Briquets Royal Oaks brand gives a quick even heat. 10-lb. pkg. 69¢

# SAFEWAY

### Styled-to-Slim You

9152 SIZES 14½-24½



by Marian Martin  
This suncap dress takes you twice as many places as a sleeveless dress. Styled-to-slim you design — proportioned to fit and flatter.  
Printed Pattern 9152: Hat Size 14½, 16½, 18½, 20½, 22½, 24½. Size 16½ dress requires 3½ yards 35-inch Jacket 2 yards.  
Send FIFTY CENTS for this pattern — add 10 cents for each pattern for first class mailing. Send to Marian Martin, Medford Mail Tribune Pattern Dept., 232 West 18th St., New York 14 N. Y. Print plainly NAME, ADDRESS, ZIP CODE and STYLE NUMBER.  
JUST OUT! Big new 1960 Spring and Summer Pattern Catalog in vivid, full color. Over 100 smart styles . . . all sizes . . . all occasions. Send now! Only 25 cent.

Sandy Saver says . . . IT'S A PICNIC TO SAVE  
**GOLD BOND STAMPS**  
for valuable prizes . . . When you shop at SAFEWAY

### \$14 Million in Health Benefits Paid Each Day

New York (AP) — Americans received an average of more than \$14 million a day in benefits from health insuring organizations in 1959 to help offset the cost of medical bills and replace income lost through disability.

The Health Insurance Institute reported that insurance companies, Blue Cross — Blue Shield and other health care plans paid out a total of \$5,175,000,000 in benefits last year.

The figures were disclosed by the institute today in releasing results of the Health Insurance Council's 14th annual survey of the extent of voluntary health insurance coverage in the United States. Coverage at new high.

The number of Americans covered by some form of health insurance at the end of 1959 totaled 127,896,000. Both the coverage and benefit figures were new highs, according to the institute.

In 1959, 123 million persons had health insurance, and benefits totaled nearly \$4.7 billion.

James R. Williams, Institute vice president, said the figures were evidence of "sustained growth" by voluntary health insuring groups. He added:

"The decade just closed often has been called the 'Fabulous Fifties' and that is a fit description for the record compiled during the period of health insurance. From the beginning of 1950 to the end of 1959, the number of persons with health insurance virtually doubled, climbing from 66 million to nearly 128 million. Over the same period, benefits have more than tripled, going from \$957 million to almost \$4.7 billion."

Williams said there also has been growth in the breadth of coverage. In addition to the nearly 128 million persons who have insurance against the cost of hospital bills, some 117 million now have insurance that help pay for surgical bills, compared to less than 17 million in 1949, Williams said.

And, 43 million wage earners also have coverage that pays for doctor visits for non-surgical care, compared to less than 17 million in 1949, Williams said.

"When the decade of the '40's ended," Williams said, the first major medical insurance plan had just gone into operation. Now, about 22 million persons have this broad form of protection against prolonged illness."

Major medical insurance provides benefits ranging as high as \$10,000 or \$15,000 for all areas of care prescribed by a physician, including care in and out of a hospital, charges for private duty nursing, drugs and medical appliances.

**Pilot Plants Test Mesabi Range Ore**  
Pittsburgh (AP) — Dravo Corp. is taking part in a series of tests which may give new life to Minnesota's famed Mesabi Range, once the world's greatest source of iron ore which recently has been losing ground in the competitive battle with ores from other sources.

Dravo will supply roasting kilns which will be used in experiments conducted at two pilot plants currently under construction in Minnesota. The tests will determine the economic practicality of commercially processing hematite — a low grade, non-magnetic ore.

The tests will be handled by the Lurgi Co. of Germany. The pilot plants at Cooley and Coleraine, Minn., are being built by the M. A. Hanna Co. and the Oliver Iron Mining Division of U.S. Steel, respectively.

If the tests prove favorable, the commercial application of hematite — along with magnetic hematite — could go a long way toward offsetting present advantages of importing raw ore from Canada, South America and other foreign sources. It is estimated there are several billion tons of non-magnetic hematite in the Mesabi Range.

**Taxicab Driver Gets Black Eye, Face Cuts**  
St. Louis — Two women passengers in the back of Don Clark's taxicab had an argument. Clark, afraid they would come to blows, tried to make peace.

The cab was treated at a hospital for a black eye and face cuts. The left no doubt that the argument was a private one.