

# Nation's Industry Finds More Uses for the Atom

By REYNOLDS KNIGHT

To many of us the word atomic is synonymous with weapons. While there is a sound basis for this — the government has spent more than \$100 billion on nuclear arms since the birth of the Atomic Age in 1945 — an additional \$10 billion has been spent on putting the atom to work peacefully.

In industry the atom is finding greater use in a variety of processes. For instance, radiography is a method of measuring quickly and accurately by means of radioisotopes. It can measure with atomic-run gauges the treads on tires, the tobacco in a cigarette and the strength of metal welds.

Radiation is utilized to control reactions during the

making of modern chemical products. It is also used to protect clothing from dirt and wrinkles, and creates creases that last the life of the garment.

A GREAT many Americans are using electricity generated from atomic energy. There are 15 nuclear power plants operating in America. A total of 21 plants are under construction and 40 more are planned for the future. Altogether there are 316 plants, either operating or being built throughout the world.

The Atomic Energy Commission says that nuclear power plants will generate 61,000 megawatts of electricity by 1975. Nuclear power capacity is expected to be

four times that figure by 1985.

The atom has also made amazing strides in a host of other fields such as medicine, agriculture and food preservation. As a matter of fact, officials foresee nuclear plants desalting oceans as a means of solving the problem of limited water resources in certain areas of the world.

IF YOU'RE thinking about trading in your present car for a new one next spring, it might be a good idea to start cleaning your car right now, because winter can be rough on a car's finish.

Auto care specialists at the Johnson Wax Co. in Racine, Wis., point out that pre-winter care is particu-

larly important to guard against the ravages of snow and ice, and also chemicals used on roads.

Sometime in the fall, the Johnson people recommend, you should put on a good coat of either paste wax or a new liquid product called "Weather Wax," which is said to clean, shine and give long-lasting protection in all kinds of weather.

BECAUSE the liquid contains more wax than the traditional liquid waxes, more wax goes onto the car to give it a deeper shine and also provides a hard protective finish. And a car, both inside and out, is worth perhaps anywhere from \$25 to \$200 more in the price you will receive when you trade it in.

To keep your car in good condition during the winter months, the Johnson specialists recommend that you wash it once in a while to remove the buildup of dirt, sludge and road chemicals.

When moisture conditions are on the rugged side, the Johnson people also suggest a midwinter waxing, with special attention to bumpers, wheels, fenders and door panels.

Spring may be a long way off, but if you don't want to put a dent in your pocketbook then, it would be a good idea to take care of the finish of your car right now.

A PET-FOOD manufacturer supplies the Army with a special "stress diet" for dogs used in Vietnam who

get nervous and lose weight on the usual GI and local fare. . . . A Los Angeles hardware store reports sales of chain locks and similar devices have doubled in the past year, compared to a normal yearly increase of 8 to 10 per cent. The increase is attributed to crime fears.

Obscured by a scenic environment camouflaging one of the nation's largest oil well operations, thousands of valves silently go about their job controlling the pressure and flow of fluids and gases at the East Wilmington field in Long Beach, Calif.

Four islands in the Long Beach harbor have been built by the Thums Long Beach Co. as bases to tap an oil reserve estimated at from 750 million to 1.2 bil-

lion barrels. Equipment on three of the islands nearest the mainland was disguised in an exotic setting of palm trees and high-rise, multi-colored towers so that the installations would not spoil the view from shore.

BALL VALVES and gate valves, manufactured by the W-K-M Valve division of ACF Industries are being used by Thums to regulate the flow of gases and fluids passing through its huge pipeline network.

The Thums company, created and owned equally by five oil companies, has combined successfully the art of modern landscaping and architecture with the latest scientific methods in oil production to create the world's most beautiful oil field,

change the face of what could have been an ugly, prosaic installation to appear as a quiet and secluded hideaway.

THINGS TO COME: For the lady of the house, a new can opener. The "Can-O-Matic" features "Click 'n Clean" action. At the touch of a button the entire cutting assembly can be lifted out for cleaning purposes.

Youth Graduates

Robert Dale Garland, son of Mr. and Mrs. Dale E. Garland of 3722 W. 184th Place, has been graduated from Northrop Institute of Technology in Inglewood. Garland earned a bachelor of science degree in mechanical engineering.

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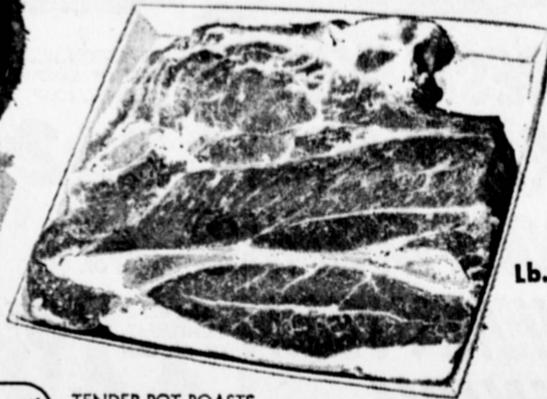
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