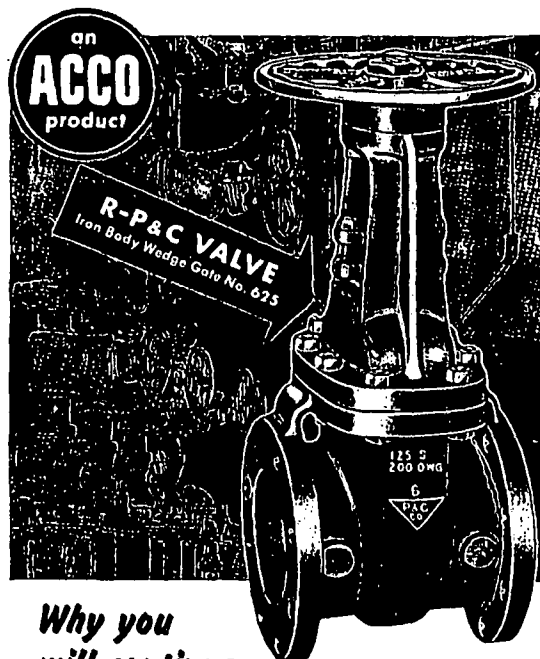




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More POWER NEWS

try's industry," said Houdry, president of Oxy-Catalyst, Inc., a company he set up almost three years ago in Wayne, Pa., to manufacture oxidizing catalyst.

Oxy-Catalyst, he revealed, is now with firms in 45 different industries for waste-conversion problems or problems of both. They include calcs, paint and varnish, food, textiles and rubber.

The unit, measuring five and one-half inches long, three and one-eighth inches high and three inches wide, is made of two thick porcelain end plates between them, a porcelain spacer and 73 coated porcelain rods that flow across the rods, each having a cross-section so as not to disturb flow. The combustion occurs at the face of the rods where they are coated with a .003 inch film of the catalyst—the catalytic alumina and nickel alloy.

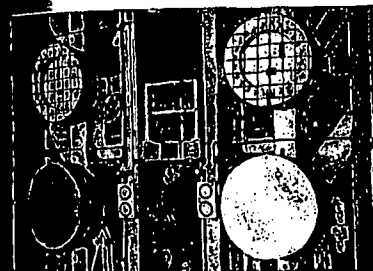
Initial industrial success of the catalyst was in the metal-coating industry at Enamel-strip Corp. in Allentown. Installing the Houdry catalyst in a spring, Enamel-strip cut its fuel consumption percent and solved a nasty air pollution problem at the same time. Later, being vented into the atmosphere, the solvent fumes are converted to heat which is used to bake enamel metals in a continuous operation.

All indications point to a banner year for the refrigeration and air conditioning industry according to figures from the Refrigeration Equipment Manufacturers Association. John E. Dube, president of the Association, said, "We expect 1953 to be a good year for the refrigeration and air conditioning industry. Any possible decline of general business will be offset by the growth factor of our industry. This is particularly true with the year-round air conditioning of homes. The year, 1952, has seen an average increase of approximately 30% in the number of manufacturers over 1951 and is estimated that 1953 will increase sales 30% over 1952.

London — (McCraw-Hill World News) Boilers which will each burn seven tons of dried pounds of pulverized coal every day are now being built for the Electricity Authority's new power station at Castle Donington, near Derby, Eng. The first British power station planned to have 100,000-kilowatt turbo-alternators driven by a single boiler. The units each generate 834,000 pounds of steam per hour at a pressure of 1,600 pounds per square inch, and a steam temperature of over 1,000 F. It is expected that the station will start operating in 1955.

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