

Hydrogen Bomb May Some Day Be Tamed For Industrial Use

Editor's note: This is the third and last in a series on power.

By JOSEPH L. MYLER
United Press Correspondent

Washington — (U.P.) — Despite official disclaimers or silence, the belief persists in scientific circles that H-bomb violence may some day be tamed for production of industrial power.

In the early days of H-bomb development, the nation that the super-bomb's city-killing violence could be controlled was derided.

As recently as last April 7, President Eisenhower said at a news conference that scientists knew of "no direct application of the Hydrogen bomb principle

... to peace-time power."

Potentialities Limited

But the notion will not die. The potentialities of atomic energy are limited by the relative scarcity of uranium and thorium, the raw materials of atomic fission.

The H-bomb, however, gets its power not from fission of scarce and costly heavy elements but from fusion of abundant and cheap light elements. Obviously, if its violence could be quelled, fusion energy would be a tremendously greater source of power than fission.

The planet is poor in uranium, but its oceans, seas, lakes and rivers are rich in the lightest element, hydrogen.

To the layman, it is hard to figure how the sudden violence of an H-bomb might be slowed to a pace that would make its energy available for peacetime power.

So many authorities have hinted at hydrogen power possibilities that John S. Walker, a Washington attorney who used to be counsel to the House-Senate Atomic Energy Committee, recently composed a scholarly criticism of the new atomic law on grounds its provisions are "inadequate" to deal with peacetime development of hydrogen energy.

Scientists Believe

Among scientists who believe hydrogen energy may some day be tapped are Dr. Ralph E. Lapp, who worked in the wartime A-bomb project; Dr. George Gamow, famous theoretical physicist of George Washington University; Dr. Edward Teller, one of the fathers of the H-bomb; and Dr. Kenneth S. Pitzer, former AEC director of research.

Dr. George R. Harrison of the Massachusetts Institute of Technology pointed out recently that "if the thermonuclear fusion reaction can be slowed down — water itself — can become the fuel that investors have long dreamed of."

Each water molecule consists of two atoms of hydrogen and one of oxygen. If hydrogen fusion can be tamed, Harrison said, "humanity should never need to worry about its energy supplies again."

Clamp on Overseas Drinking Suggested

Washington — (U.P.) — A national temperance leader has urged Defense Secretary Wilson to clamp "a more spartan way of life" on U.S. military forces abroad.

William A. Scharffenberg, executive director of the American Temperance Society, said he found in a recent tour of 22 European capitals that heavy drinking by members of the armed forces is destroying good will for the United States in many countries.

Scharffenberg said officials of European governments told him that greater discipline and more self-restraint on the part of United States armed forces personnel would do more to build up American prestige abroad than political or foreign aid programs.

In Berlin, Scharffenberg said, a cab driver told him, "pay day for your boys is the day I stay at home." He said an Army official in Germany reported that 98 per cent of 28,000 U.S. court martial cases in the American zone last year were due to excessive drinking.

Pointing out that American servicemen symbolize the whole country to Europeans, Scharffenberg said the majority of people still like them "in spite of their drinking." But he added, "our good will is fast running out."



CONFERENCE IS HELD by Marilyn Monroe and Director Tom Ewell on set where latest picture is being produced, shortly before she entered Hollywood hospital for operation. Estranged husband Joe Di Maggio drove her to hospital. (International)

Jeweler Specializes In Music Box Repair

Massillon, O. — (U.P.) — Has your music box been sounding all right recently?

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He owns one of the best collections of music boxes known — and all of them work.

They range from floor models with mahogany cases (original price \$350) to little modern ones

CALLING CARDS

Detroit — (U.P.) — Dr. James J. Lightbody writes in the Detroit Medical News that survivors of coronary thrombosis should have calling cards printed to let friends and relatives know they are taking it easy. He suggested that the cards read: "No business. No office. No address. No phone."

Unemployed Monarchs Who Haunt Europe Capitals Cling To Family Traditions

By PRISCILLA BUCKLEY
United Press Correspondent

Paris — (U.P.) — They say it happened at Maxim's. Ex-King Peter of Yugoslavia had reserved a table for two. He didn't come and didn't come, and when the Duke and Duchess of Windsor arrived, his table was the only empty one in the restaurant.

The head waiter gave the Duke and Duchess Peter's table and hoped for the best. But when Peter arrived he was furious.

"But after all," the head waiter argued, "the Duke of Windsor was once the King of England!"

"Well, I am the King of Yugoslavia!" Peter snapped back, and stalked out.

Idea of Protocol

Peter, whose throne was voted out of existence by the Yugoslavs in 1945, was reacting according to his idea of protocol. The Duke of Windsor had abdicated his throne. Peter, on the other hand, feels he was only cheated out of his and is therefore still king.

And besides, the Duke of Windsor married a commoner. An American, at that.

The exiled monarchs, princes and other nobles who haunt Europe's capitals and resorts cling to their social and family traditions above all else. Though they may have no throne or property, they have lots of dignity.

Should Be King

Take the Count of Paris. He is the great grandson of Louis Philippe, the last Bourbon King of France. The count believes he rightfully should be King of France today, and he lets people know it.

The Count of Paris was supposed to have been a witness at the wedding last year in a small French village of Archduke Robert of Hapsburg and

Princess Marguerite-Isabell of Savoy, who represent two of Europe's most prominent but unemployed royal families.

But the count refused to attend the wedding, all because of a dispute over protocol. It seems he thought he should be given

precedence in the wedding party over Prince Xavier de Bourbon-Parma, another pretender to the French throne, and the ex-Empress Zita of Austria.

Compromise Fails

Robert of Hapsburg, trying to make a compromise, agreed to

give the count precedence over the Prince of Bourbon-Parma. But he insisted on the higher station for his mother, Empress Zita.

"First, because she is a woman," he is reported to have told the count, "and secondly, because she has been a reigning empress."

"You forget," said the Count of Paris angrily, "I am here in my own kingdom!"

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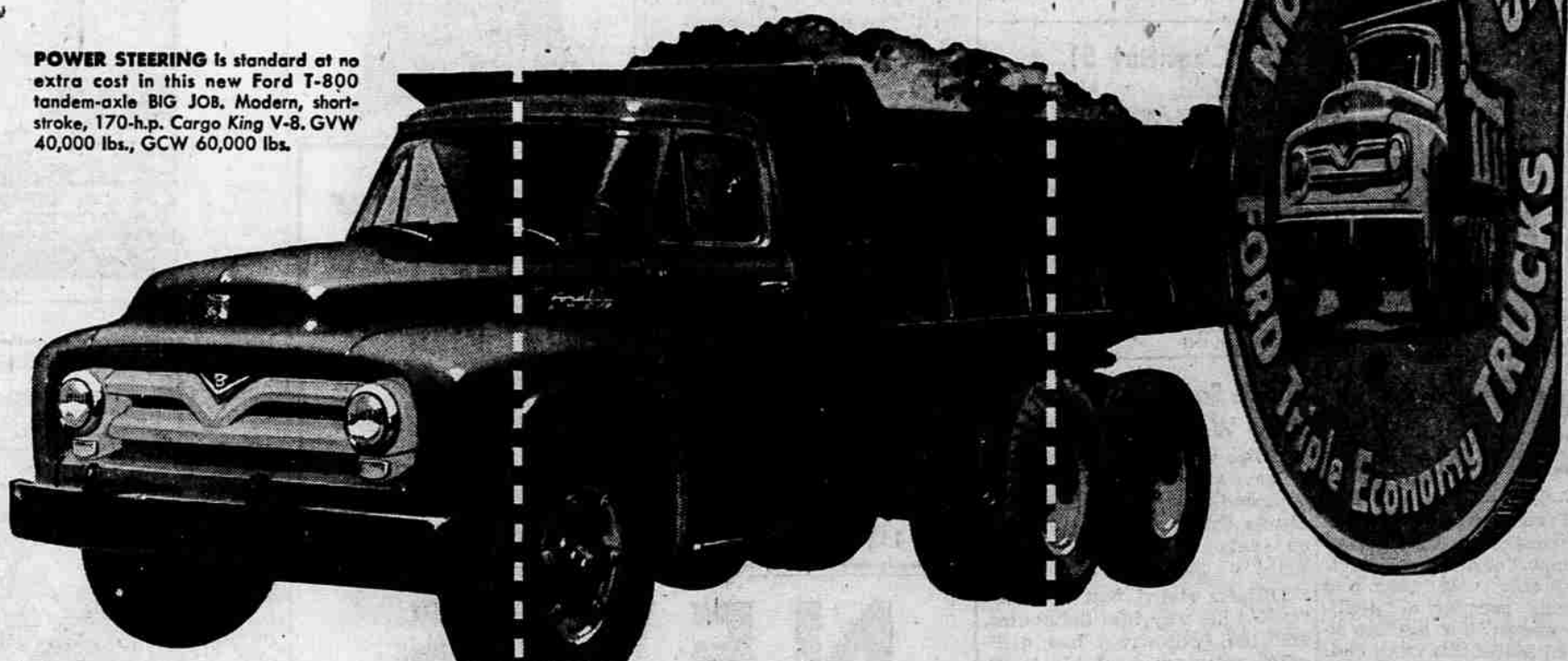


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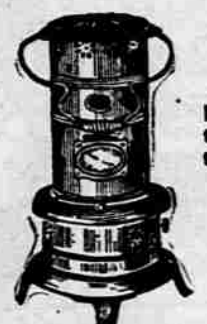
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